

=> d bib 1

L10 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:525058 CAPLUS
 DN 127:204391
 TI Characterization of the allergen Der f 7 from house dust mite extracts by
 species-specific and crossreactive monoclonal antibodies
 AU Shen, H.-D.; Lin, W.-L.; Tsai, L.-C.; Tam, M. F.; Chua, K.-Y.; Chen,
 H.-L.; Hsieh, K.-H.; Li, C.-S.; Thomas, W. R.
 CS Department of Medical Research, Veterans General Hospital-Taipei, Taiwan
 SO Clinical and Experimental Allergy (1997), 27(7), 824-832
 CODEN: CLEAEN; ISSN: 0954-7894
 PB Blackwell
 DT Journal
 LA English

=> d bib 2

L10 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:473729 CAPLUS
 DN 127:94502
 TI Cloning, nucleotide and amino acid sequences, and immunoassays of peanut
 allergens causing hypersensitivity
 IN Burks, A. Wesley, Jr.; Helm, Ricki M.; Cockrell, Gael; Stanley, J. Steven;
 Bannon, Gary A.
 PA University of Arkansas, USA; Burks, A. Wesley, Jr.; Helm, Ricki M.;
 Cockrell, Gael; Stanley, J. Steven; Bannon, Gary A.
 SO PCT Int. Appl., 352 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9724139	A1	19970710	WO 1996-US15222	19960923 <--
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5973121	A	19991026	US 1996-610424	19960304 <--
	CA 2241918	AA	19970710	CA 1996-2241918	19960923 <--
	AU 9672433	A1	19970728	AU 1996-72433	19960923 <--
	AU 729836	B2	20010208		
	EP 873135	A1	19981028	EP 1996-933862	19960923 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 11507840	T2	19990713	JP 1996-524311	19960923 <--
	JP 2002223783	A2	20020813	JP 2001-356754	19960923
	US 6486311	B1	20021126	US 1998-106872	19980629
	US 2003049237	A1	20030313	US 2002-228806	20020826
PRAI	US 1995-9455P	P	19951229		
	US 1996-610424	A	19960304		

US 1992-998377	A2	19921230
US 1993-158704	A1	19931129
JP 1997-524311	A3	19960923
US 1996-717933	B2	19960923
WO 1996-US15222	W	19960923
US 1998-73283P	P	19980131
US 1998-74590P	P	19980213
US 1998-74624P	P	19980213
US 1998-74633P	P	19980213
US 1998-141220	A1	19980827

=> d hitstr 2

L10 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

IT 191857-19-9

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

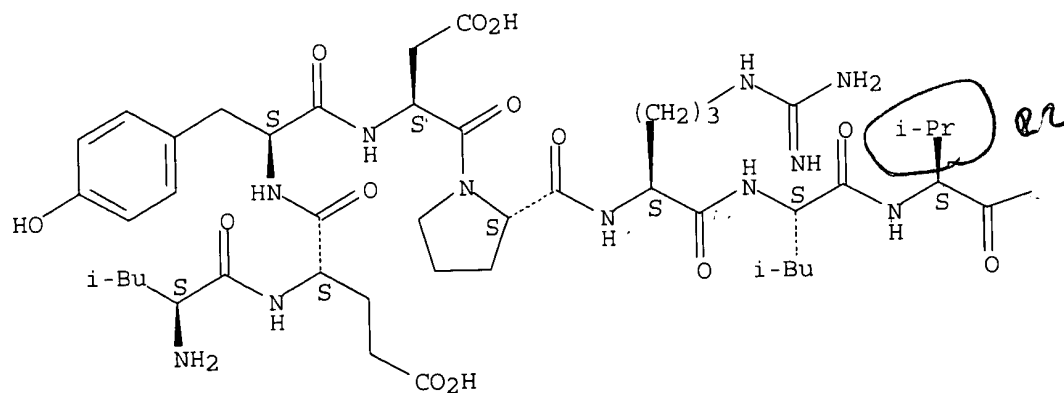
(Ara h I IgE-binding epitope; cloning, nucleotide and amino acid sequences, and immunoassays of peanut allergens causing hypersensitivity)

RN 191857-19-9 CAPLUS

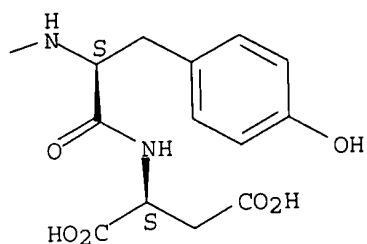
CN L-Aspartic acid, L-leucyl-L-.alpha.-glutamyl-L-tyrosyl-L-.alpha.-aspartyl-L-prolyl-L-arginyl-L-leucyl-L-valyl-L-tyrosyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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PAGE 1-B



IT 191857-11-1 191857-12-2

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

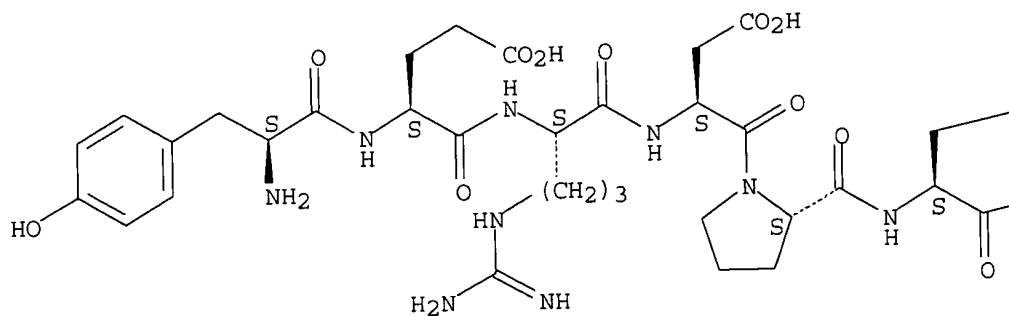
(Ara h II peptide epitope; cloning, nucleotide and amino acid sequences, and immunoassays of peanut allergens causing hypersensitivity)

RN 191857-11-1 CAPLUS

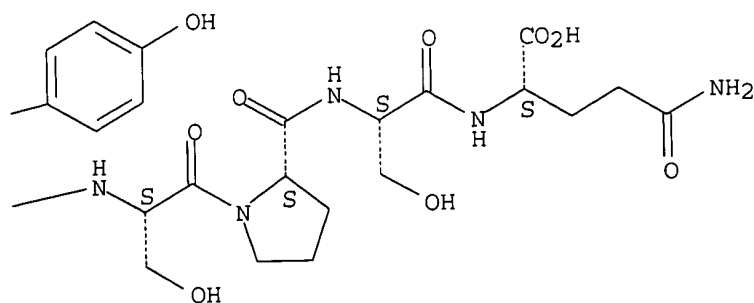
CN L-Glutamine, L-tyrosyl-L-.alpha.-glutamyl-L-arginyl-L-.alpha.-aspartyl-L-prolyl-L-tyrosyl-L-seryl-L-prolyl-L-seryl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

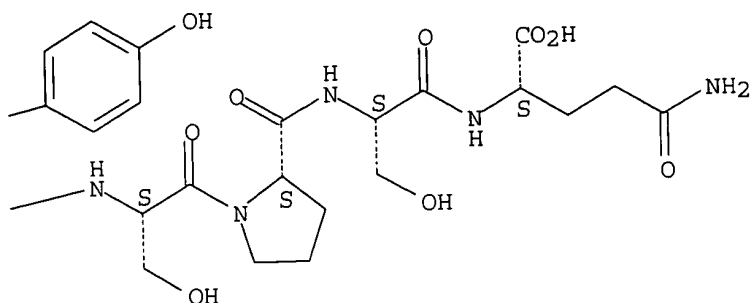
PAGE 1-A



PAGE 1-B



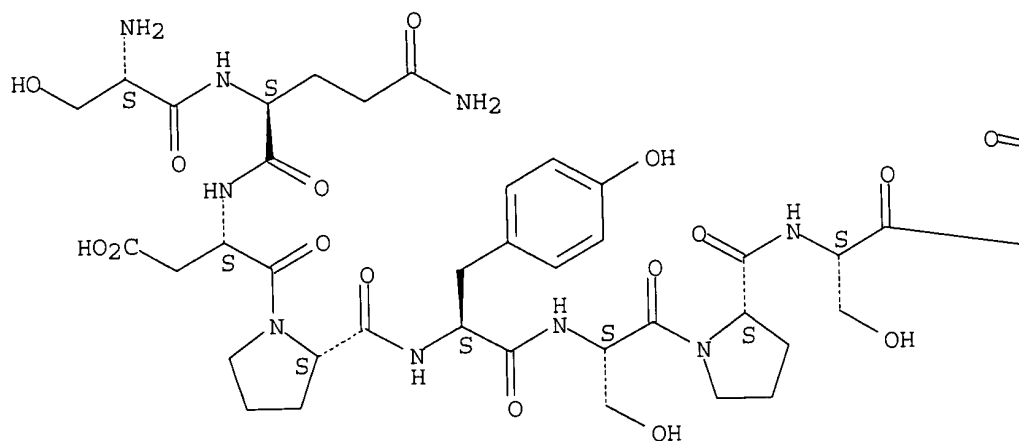
PAGE 1-B



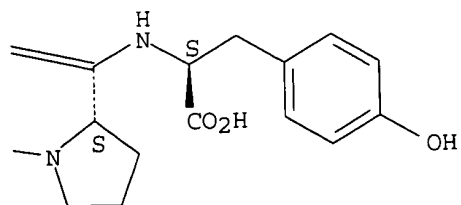
RN 191857-12-2 CAPLUS
 CN L-Tyrosine, L-seryl-L-glutaminyl-L-.alpha.-aspartyl-L-prolyl-L-tyrosyl-L-seryl-L-prolyl-L-seryl-L-prolyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



IT 191857-61-1

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

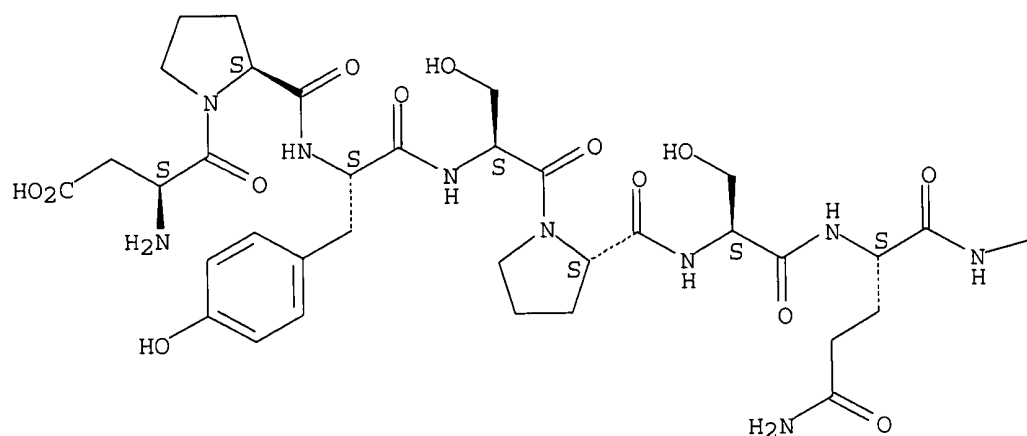
(Ara h II peptide fragment; cloning, nucleotide and amino acid
sequences, and immunoassays of peanut allergens causing
hypersensitivity)

RN 191857-61-1 CAPLUS

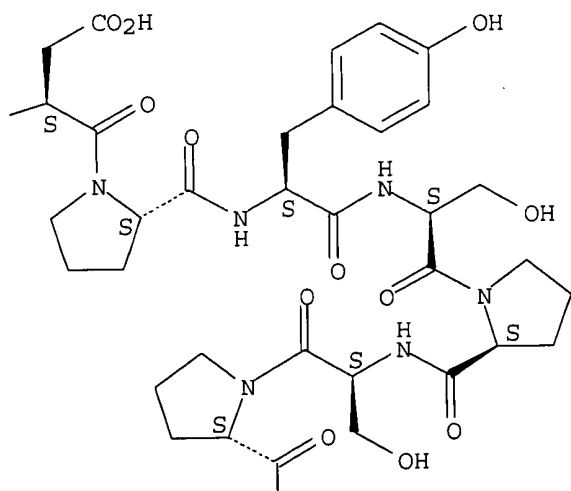
CN L-Arginine, L-.alpha.-aspartyl-L-prolyl-L-tyrosyl-L-seryl-L-prolyl-L-seryl-
L-glutamyl-L-.alpha.-aspartyl-L-prolyl-L-tyrosyl-L-seryl-L-prolyl-L-
seryl-L-prolyl-L-tyrosyl-L-.alpha.-aspartyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

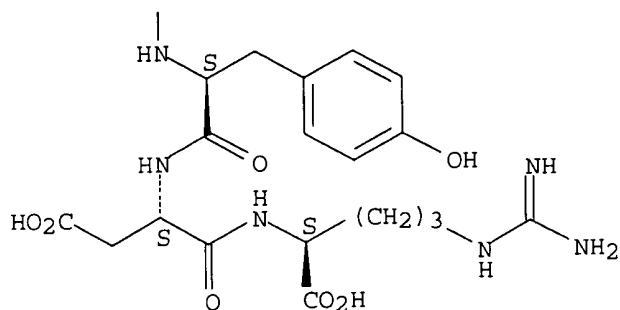
PAGE 1-A



PAGE 1-B



PAGE 2-B



=> d bib 3

L10 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:397506 CAPLUS
 DN 127:158308
 TI A new family of 10 murine ovalbumin serpins includes two homologs of proteinase inhibitor 8 and two homologs of the granzyme B inhibitor (proteinase inhibitor 9)
 AU Sun, Jiuru; Ooms, Lisa; Bird, Catherina H.; Sutton, Vivien R.; Trapani, Joseph A.; Bird, Phillip I.
 CS Department Medicine, Monash Medical School, Clive Ward Centre, Box Hill Hospital, Box Hill, 3128, Australia
 SO Journal of Biological Chemistry (1997), 272(24), 15434-15441
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English

=> d bib 4

L10 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:181142 CAPLUS
 DN 126:167484
 TI Regulation of protein function by control of the excision of an archaeobacterial intervening protein sequence
 IN Comb, Donald G.; Perler, Francine B.; Jack, William E.; Xu, Ming-Qun; Hodges, Robert A.; Noren, Christopher J.; Chong, Shaorong S. C.
 PA New England Biolabs, Inc., USA; Comb, Donald G.; Perler, Francine B.; Jack, William E.; Xu, Ming-Qun; Hodges, Robert A.; Noren, Christopher J.; Chong, Shaorong S. C.
 SO PCT Int. Appl., 162 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9701642	A1	19970116	WO 1996-US10545	19960619 <--
	W: JP				

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
 EP 835323 A1 19980415 EP 1996-922498 19960619 <--
 R: DE, FR, GB
 JP 2002503944 T2 20020205 JP 1996-526479 19960619
 PRAI US 1995-496297 A 19950628
 US 1995-580555 A 19951229
 US 1995-496247 A 19950628
 WO 1996-US10545 W 19960619

=> d hitstr 4

L10 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

IT **187037-77-0**

RL: BPR (Biological process); BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process); USES (Uses)

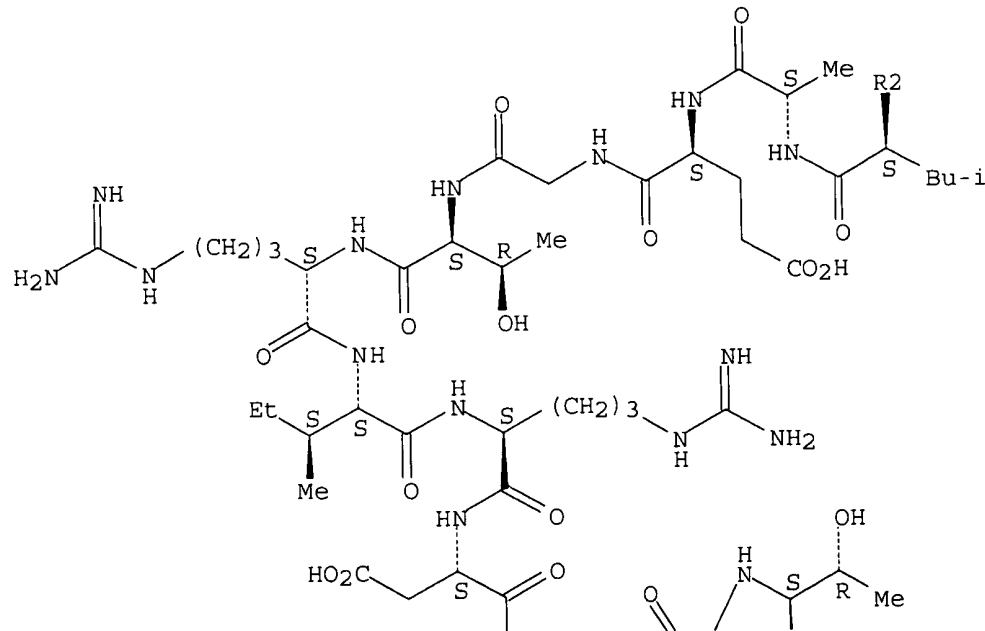
(amino acid sequence, as controllable intervening peptide; regulation of protein function by control of excision of archaeobacterial intervening protein sequence)

RN 187037-77-0 CAPLUS

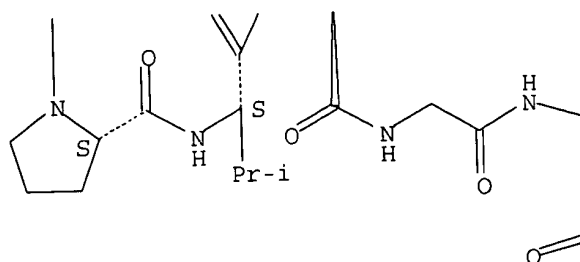
CN L-Threonine, L-lysyl-L-valyl-L-valyl-L-lysyl-L-asparaginyl-L-lysyl-L-cysteinyl-L-leucyl-L-alanyl-L-.alpha.-glutamylglycyl-L-threonyl-L-arginyl-L-isoleucyl-L-arginyl-L-.alpha.-aspartyl-L-prolyl-L-valyl-L-threonylglycyl-L-threonyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

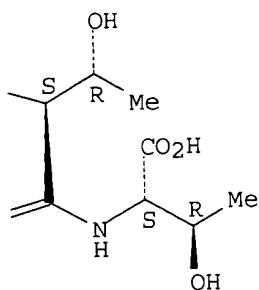
PAGE 1-A



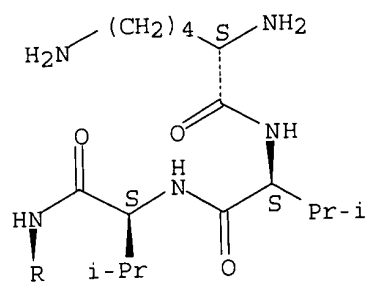
PAGE 2-A

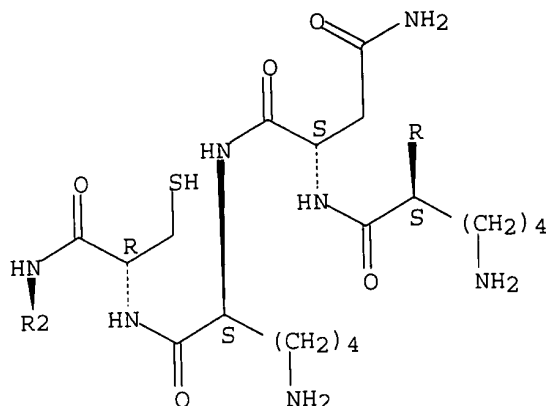


PAGE 2-B



PAGE 3-A





=> d bib 5

L10 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:618817 CAPLUS
 DN 125:257160
 TI Peptidyl compounds comprising an ITIM motif which regulate hematopoietic function and their therapeutic use
 IN Cambier, John C.
 PA National Jewish Center for Immunology and Respiratory Medicine, USA
 SO PCT Int. Appl., 98 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9626961	A2	19960906	WO 1996-US2289	19960228 <--
	WO 9626961	A3	19970410		
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2247207	AA	19960906	CA 1996-2247207	19960228 <--
	AU 9652967	A1	19960918	AU 1996-52967	19960228 <--
	EP 812330	A2	19971217	EP 1996-909494	19960228 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
	JP 11501622	T2	19990209	JP 1996-526316	19960228 <--
PRAI	US 1995-397628	A	19950228		
	WO 1996-US2289	W	19960228		

=> d hitstr 5

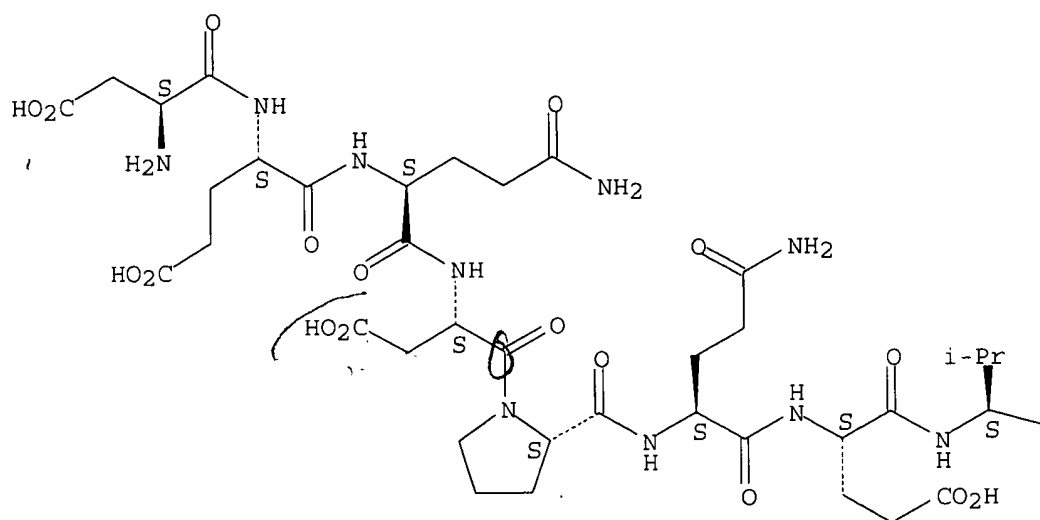
L10 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 IT **182117-88-0**
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process)
 (immunoreceptor tyrosine-based inhibitory motif-contg. peptides which regulate hematopoietic function and their therapeutic use)

RN 182117-88-0 CAPLUS

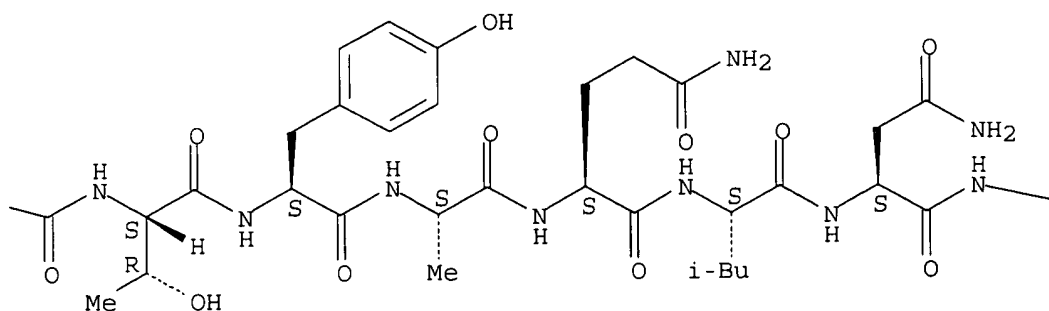
CN L-Histidine, L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-glutaminyl-L-.alpha.-
aspartyl-L-prolyl-L-glutaminyl-L-.alpha.-glutamyl-L-valyl-L-threonyl-L-
tyrosyl-L-alanyl-L-glutaminyl-L-leucyl-L-asparaginyl- (9CI) (CA INDEX
NAME)

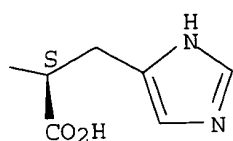
Absolute stereochemistry.

PAGE 1-A



PAGE 1-B





IT 182117-71-1 182117-73-3 182117-76-6

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

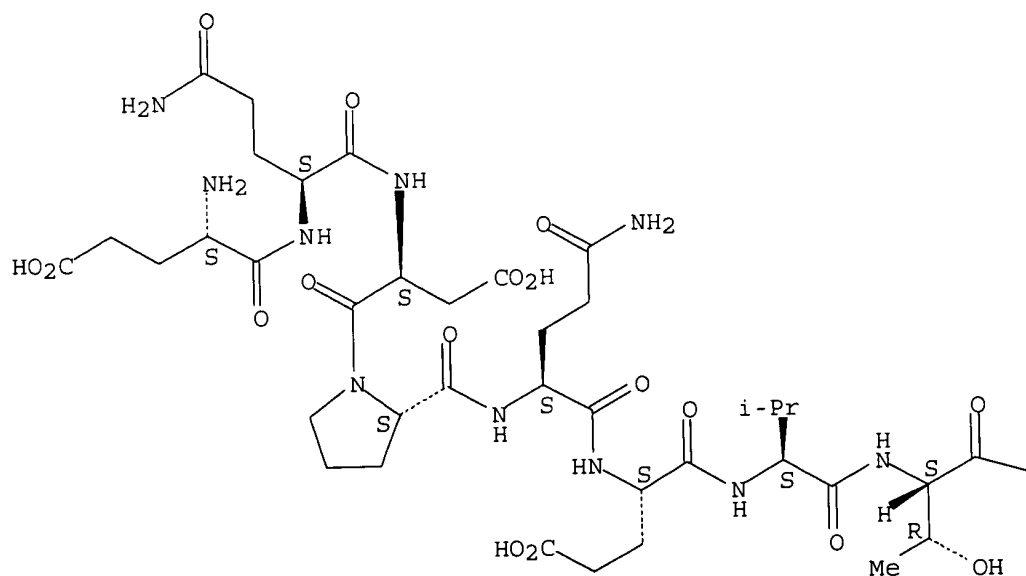
(immunoreceptor tyrosine-based inhibitory motif-contg. peptides which regulate hematopoietic function and their therapeutic use)

RN 182117-71-1 CAPLUS

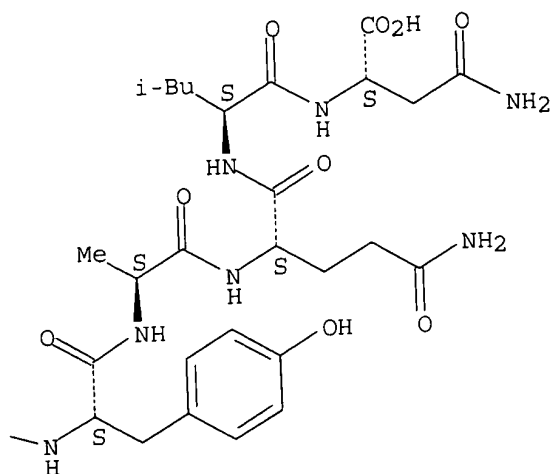
CN L-Asparagine, L-.alpha.-glutamyl-L-glutaminyl-L-.alpha.-aspartyl-L-prolyl-L-glutaminyl-L-.alpha.-glutamyl-L-valyl-L-threonyl-L-tyrosyl-L-alanyl-L-glutaminyl-L-leucyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



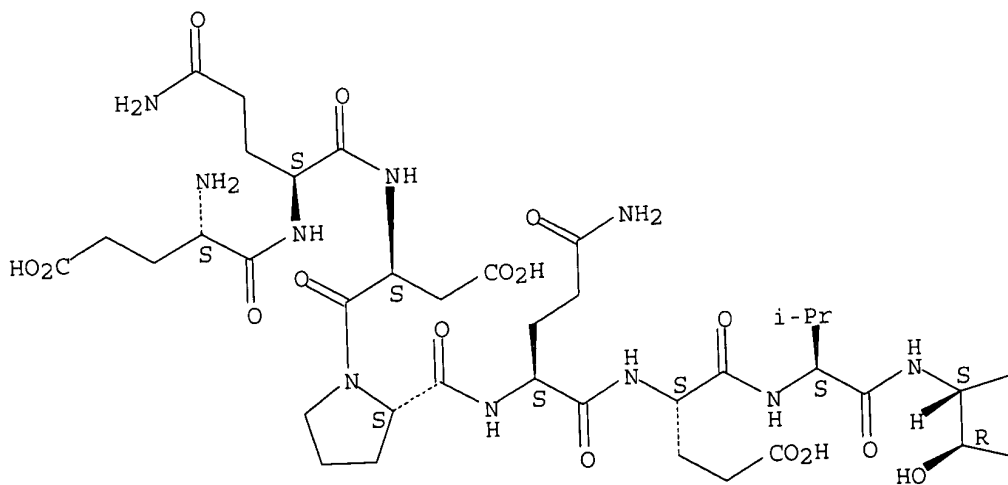
PAGE 1-B

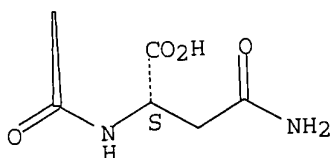
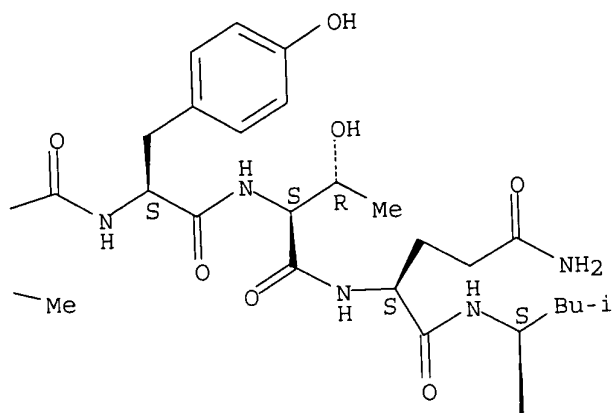


RN 182117-73-3 CAPLUS
 CN L-Asparagine, L-.alpha.-glutamyl-L-glutamyl-L-.alpha.-aspartyl-L-prolyl-L-glutamyl-L-.alpha.-glutamyl-L-valyl-L-threonyl-L-tyrosyl-L-threonyl-L-glutamyl-L-leucyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

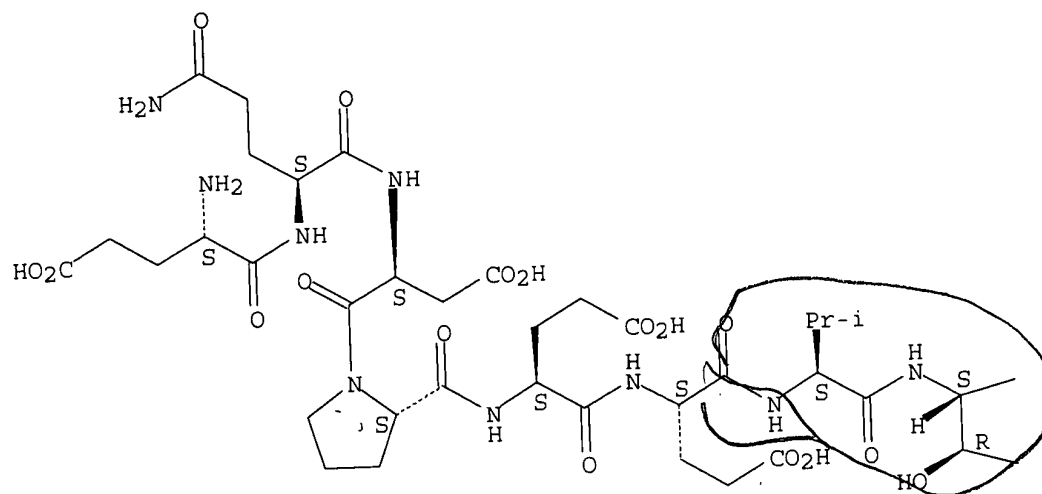




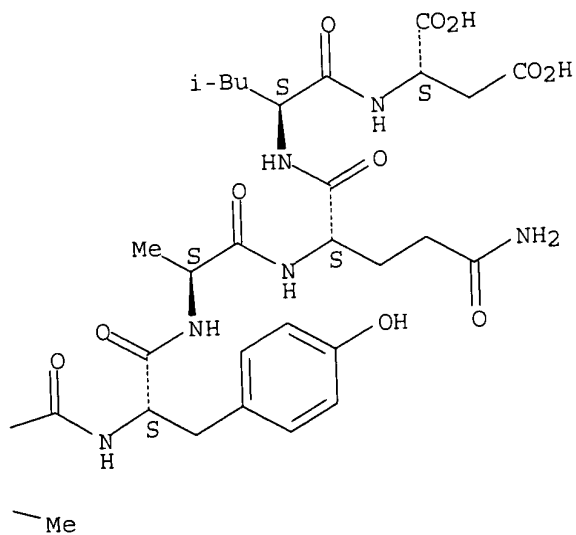
RN 182117-76-6 CAPLUS
 CN L-Aspartic acid, L-.alpha.-glutamyl-L-glutaminyl-L-.alpha.-aspartyl-L-
 prolyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-valyl-L-threonyl-L-tyrosyl-
 L-alanyl-L-glutaminyl-L-leucyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



=> d bib 6

L10 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:876049 CAPLUS

DN 124:27832

TI Experimental autoimmune insulinitis: induction by T lymphocytes specific for a peptide of proinsulin

AU Griffin, Ann C.; Zhao, Weiguo; Wegmann, Keith W.; Hickey, William F.

CS Department Pathology, Dartmouth Medical School, Lebanon, NH, USA

17/09/200315:59Print selected from Online session

SO American Journal of Pathology (1995), 147(3), 845-57
CODEN: AJPAA4; ISSN: 0002-9440
PB American Society for Investigative Pathology
DT Journal
LA English

=> d bib 5

L10 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:618817 CAPLUS
DN 125:257160
TI Peptidyl compounds comprising an ITIM motif which regulate hematopoietic
function and their therapeutic use
IN Cambier, John C.
PA National Jewish Center for Immunology and Respiratory Medicine, USA
SO PCT Int. Appl., 98 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9626961	A2	19960906	WO 1996-US2289	19960228 <--
	WO 9626961	A3	19970410		
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2247207	AA	19960906	CA 1996-2247207	19960228 <--
	AU 9652967	A1	19960918	AU 1996-52967	19960228 <--
	EP 812330	A2	19971217	EP 1996-909494	19960228 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
	JP 11501622	T2	19990209	JP 1996-526316	19960228 <--
PRAI	US 1995-397628	A	19950228		
	WO 1996-US2289	W	19960228		

=> d bib 7

L10 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:846000 CAPLUS
DN 124:210
TI Structure-activity studies of phosphorylated peptide inhibitors of the
association of phosphatidylinositol 3-kinase with PDGF-.beta. receptor
AU Ramalingam, Kalaiyarasi; Eaton, Scott R.; Cody, Wayne L.; Lu, Gina H.;
Panek, Robert L.; Waite, Lisa A.; Decker, Stuart J.; Keiser, Joan A.;
Doherty, Annette M.
CS Department of Chemistry, Parke-Davis Pharmaceutical Research, Ann Arbor,
MI, 48105, USA
SO Bioorganic & Medicinal Chemistry (1995), 3(9), 1263-72
CODEN: BMECEP; ISSN: 0968-0896
PB Elsevier
DT Journal
LA English

=> d bib 8

L10 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:645606 CAPLUS
 DN 123:164501
 TI A monoclonal antibody with high affinity for a neo-antigenic site in
 fibrinogen degraded by polymorphonuclear leukocyte-derived elastase
 AU Bos, R.; van Leuven, C. J. M.; Stolk, J.; Hiemstra, P. S.; Dijkman, J. H.;
 Nieuwenhuizen, W.
 CS Gaubius Laboratory, TNO-PG, Leiden, 2301 CE, Neth.
 SO Blood Coagulation & Fibrinolysis (1995), 6(3), 259-67
 CODEN: BLFIE7; ISSN: 0957-5235
 DT Journal
 LA English

=> d bib 9

L10 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1995:380952 CAPLUS
 DN 122:263096
 TI Analysis of the perturbation of phospholipid model membranes by a multiple
 antigenic peptide
 AU Haro, I.; Busquets, M. A.; Ortiz, A.; Reig, F.; Alsina, M. A.
 CS Peptides Department, CID, CSIC, Barcelona, Spain
 SO Analytica Chimica Acta (1995), 303(1), 57-64
 CODEN: ACACAM; ISSN: 0003-2670
 PB Elsevier
 DT Journal
 LA English

=> d bib 10

L10 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1994:506676 CAPLUS
 DN 121:106676
 TI Metastasis-inhibiting protein, and DNA encoding said protein
 IN Iwaki, Kanso; Ohta, Tsunetaka; Kurimoto, Masashi
 PA Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, Japan
 SO Eur. Pat. Appl., 24 pp.
 CODEN: EPXXDW
 DT Patent
 LA English

FAN. CNT 1		PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
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PI		EP 594311		A1	19940427	EP 1993-307668	19930928 <--
		EP 594311		B1	20011219		
		R: DE, FR, GB					
		JP 06107693		A2	19940419	JP 1992-281136	19920928 <--
PRAI		JP 3439490		B2	20030825	US 1993-127278	19930927 <--
		US 5498697		A	19960312	US 1995-555860	19951113 <--
		US 5585474		A	19961217	US 1997-827864	19970409 <--
		US 5827691		A	19981027		
		JP 1992-281136		A	19920928		
		US 1993-127278		A3	19930927		
		US 1995-555857		B1	19951113		

=> d hitstr 10

L10 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

IT 156310-33-7

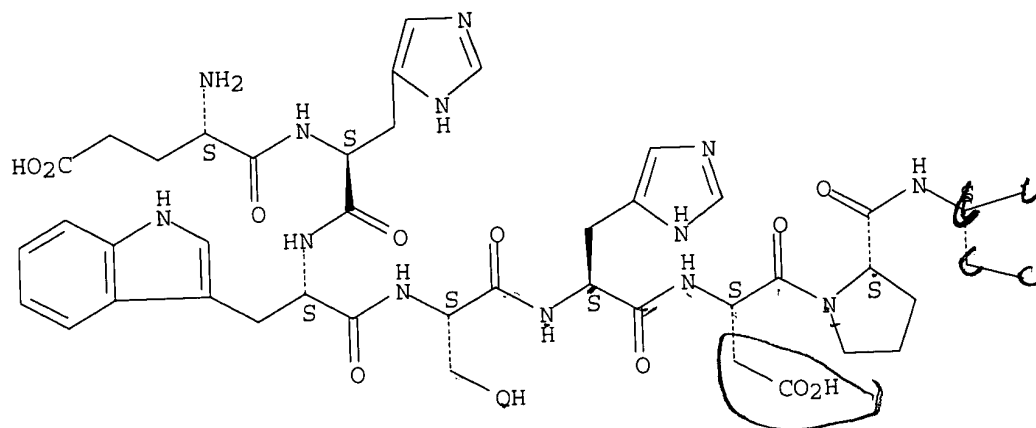
RL: PRP (Properties); BIOL (Biological study)
(amino acid sequence of, metastasis-inhibiting protein contg.)

RN 156310-33-7 CAPLUS

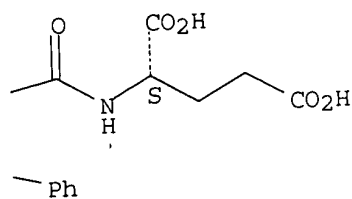
CN L-Glutamic acid, N-[N-[1-[N-[N-[N-[N-(N-L-.alpha.-glutamyl-L-histidyl)-L-tryptophyl]-L-seryl]-L-histidyl]-L-.alpha.-aspartyl]-L-prolyl]-L-phenylalanyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



=> d bib 11

L10 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:228879 CAPLUS

DN 118:228879

TI Phosphatidylinositol 3-kinase p85 SH2 domain specificity defined by direct phosphopeptide/SH2 domain binding

AU Piccione, Elizabeth; Case, Randi D.; Domchek, Susan M.; Hu, Patrick;

Chaudhuri, Manas; Backer, Jonathan M.; Schlessinger, Joseph; Shoelson, Steven E.
 CS Joslin Diabetes Cent., Brigham and Women's Hosp., Boston, MA, 02215, USA
 SO Biochemistry (1993), 32(13), 3197-202
 CODEN: BICHAW; ISSN: 0006-2960
 DT Journal
 LA English

=> d bib 12

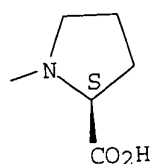
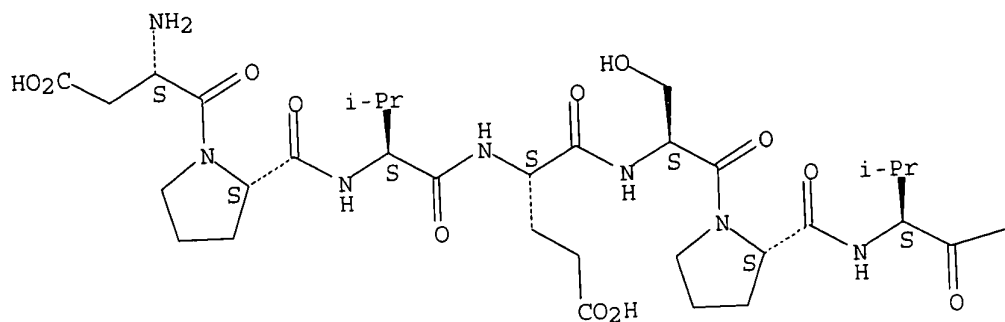
L10 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1992:463782 CAPLUS
 DN 117:63782
 TI Human megakaryocyte colony-stimulating factor (hMeg-CSF) protein and methods
 IN Murphy, Martin J.; Parchment, Ralph E.; Erickson-Miller, Connie L.; Dai, Wei; Zhang, Zhao Geng; Liotta, Lance A.; Kruttsch, Henry
 PA Hipple Cancer Research Center, USA
 SO PCT Int. Appl., 86 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9200319	A1	19920109	WO 1991-US4698	19910702 <--
	W: AU, CA, FI, JP, KR, NO				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	CA 2086248	AA	19920103	CA 1991-2086248	19910702 <--
	AU 9182155	A1	19920123	AU 1991-82155	19910702 <--
	EP 540575	A1	19930512	EP 1991-913186	19910702 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	JP 06502621	T2	19940324	JP 1991-512921	19910702 <--
	NO 9204995	A	19930301	NO 1992-4995	19921223 <--
PRAI	US 1990-547573		19900702		
	WO 1991-US4698		19910702		
OS	MARPAT 117:63782				

=> d hitstr 12

L10 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 IT 142488-25-3
 RL: BIOL (Biological study)
 (amino-terminal sequence of human megakaryocyte colony-stimulating factor of aplastic anemia urine)
 RN 142488-25-3 CAPLUS
 CN L-Proline, 1-[N-[1-[N-[N-[N-(1-L-.alpha.-aspartyl-L-prolyl)-L-valyl]-L-.alpha.-glutamyl]-L-seryl]-L-prolyl]-L-valyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d bib 13

L10 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1991:675246 CAPLUS

DN 115:275246

TI Procedure and apparatus for obtaining proteins starting from an extract of non-collagenous proteins from bony material and its use for the preparation of a novel protein inhibiting the proliferation of osteoblasts

IN Mahy, Patrick; Van Heuverswyn, Hugo

PA N. V. Innogenetics, Belg.

SO PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9108749	A1	19910627	WO 1990-EP2295	19901220 <--
	W: AU, CA, HU, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	AU 9170660	A1	19910718	AU 1991-70660	19901220 <--

PRAI EP 1989-403592
WO 1990-EP2295

19891220
19901220

=> d hitstr 13

L10 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

IT 137715-48-1

RL: ANST (Analytical study)

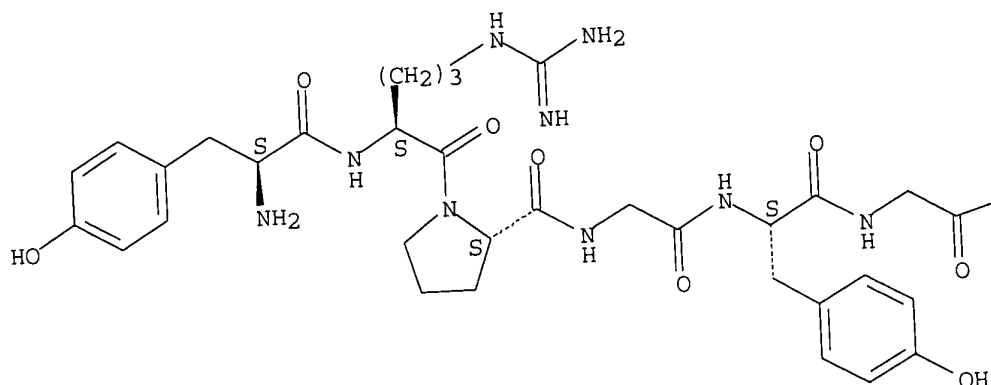
(amino acid sequences of peptides of osteoblast-inhibiting protein of bone)

RN 137715-48-1 CAPLUS

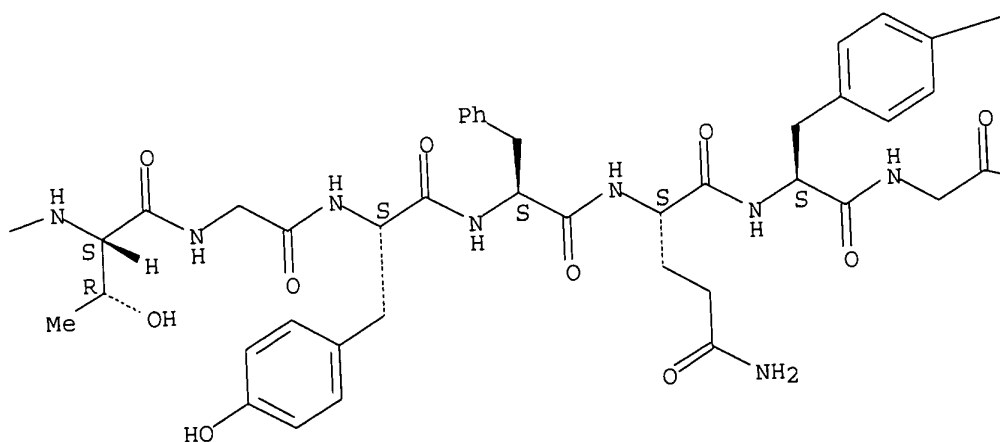
CN L-Tyrosine, L-tyrosyl-L-arginyl-L-prolyl-glycyl-L-tyrosyl-glycyl-L-threonyl-glycyl-L-tyrosyl-L-phenylalanyl-L-glutaminyl-L-tyrosyl-glycyl-L-leucyl-L-prolyl-L- α -aspartyl-L-leucyl-L-valyl-L-prolyl-L- α -aspartyl-L-prolyl-L-tyrosyl-L-tyrosyl-L-isoleucyl-L-glutaminyl-L-alanyl-L-seryl-L-threonyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

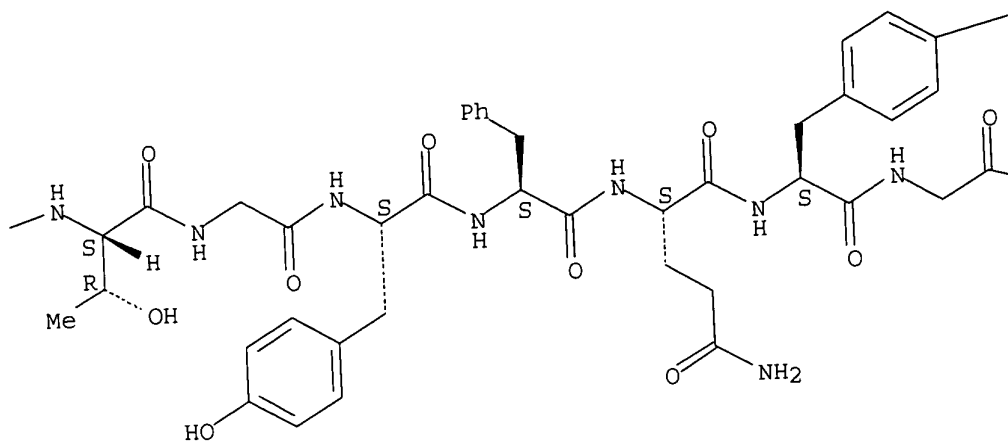
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PAGE 1-B

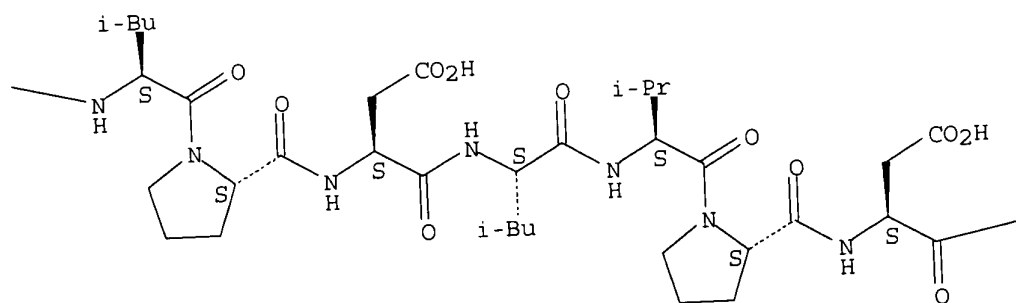


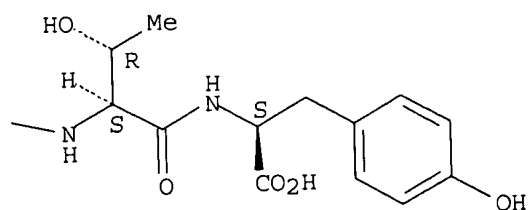
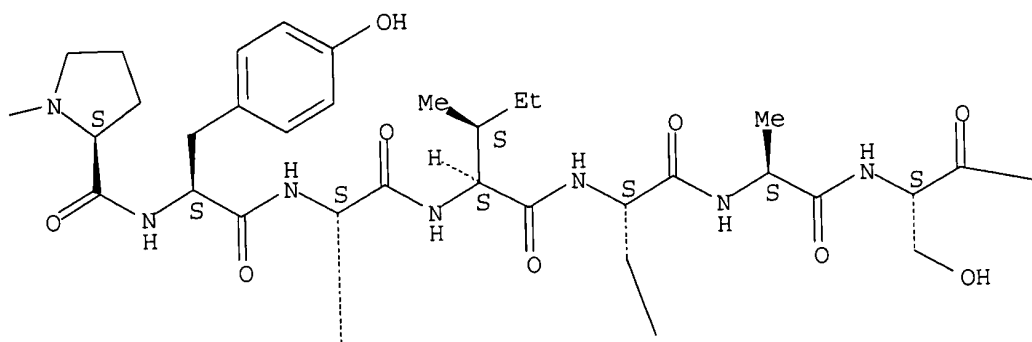
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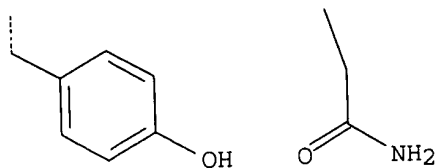


PAGE 1-C

—OH







=> d bib 14

L10 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1991:602738 CAPLUS
 DN 115:202738
 TI Methods and kits to identify analyte-binding ligands using paralog panels
 IN Kauvar, Lawrence M.
 PA Terrapin Technologies, Inc., USA
 SO PCT Int. Appl., 94 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 18

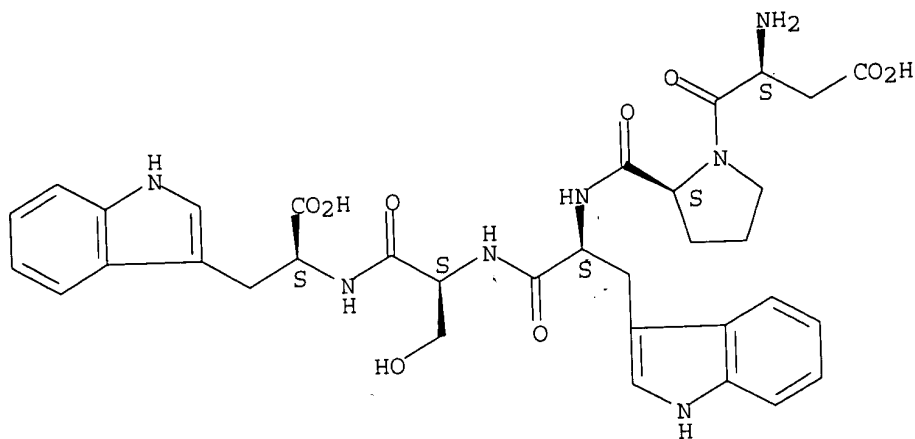
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	RW: AT, BE, BF, BJ, CF, CG, CH, CM, DE, DK, ES, FR, GA, GB, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
	US 5133866	A	19920728	US 1989-429721	19891031 <--
	CA 2072637	AA	19910501	CA 1990-2072637	19901031 <--
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	EP 500685	A1	19920902	EP 1990-916925	19901031 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	JP 05508701	T2	19931202	JP 1990-515704	19901031 <--
	NO 9201680	A	19920617	NO 1992-1680	19920429 <--
	US 5340474	A	19940823	US 1993-49642	19930409 <--
	US 5409611	A	19950425	US 1993-116059	19930902 <--
	US 5567317	A	19961022	US 1995-401445	19950309 <--
PRAI	US 1989-429721	A	19891031		
	US 1988-172626	B1	19880324		
	US 1988-255906	A2	19881011		
	US 1989-355042	A2	19890516		
	WO 1990-US6333	W	19901031		
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	US 1993-116059	A3	19930902		

=> d hitstr 14

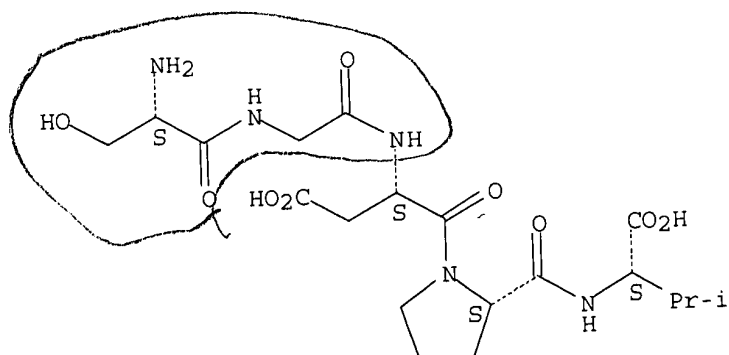
L10 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 IT 126119-84-4 126119-86-6 126139-65-9
 135895-34-0
 RL: ANST (Analytical study)

(as paralog in paralog panel with variable hydrophobicity and hydrophobic moment, affinity sepn. in relation to)

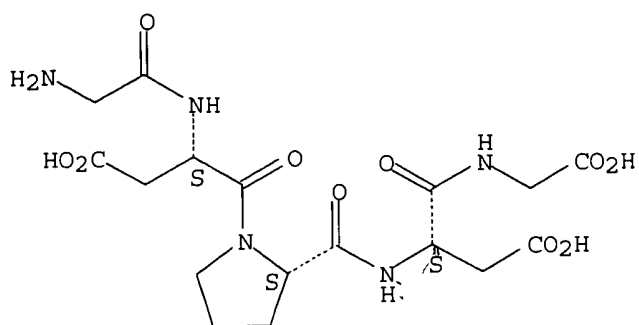
Absolute stereochemistry.



Absolute stereochemistry.



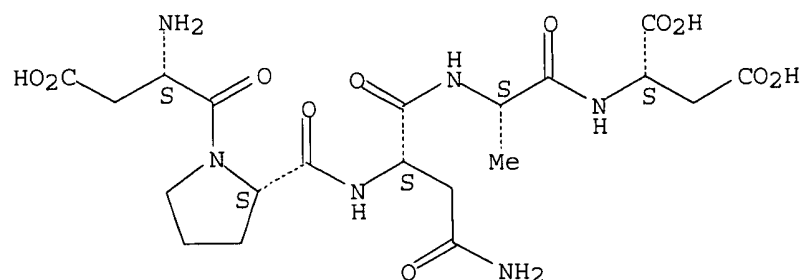
Absolute stereochemistry.



RN 135895-34-0 CAPLUS

CN L-Aspartic acid, N-[N-[N2-(1-L-.alpha.-aspartyl-L-prolyl)-L-asparaginy]]-L-alanyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d bib 15

L10 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1991:222815 CAPLUS

DN 114:222815

TI Cloning and expression of partial cDNA sequences of hepatitis virus C, purification of the protein products, and their use as diagnostics and vaccines

IN Houghton, Michael; Choo, Qui Lim; Kuo, George

PA Chiron Corp., USA

SO Eur. Pat. Appl., 84 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 388232	A1	19900919	EP 1990-302866	19900316 <--
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	WO 9011089	A1	19901004	WO 1990-US1348	19900315 <--
	W: AU, FI, HU, JP, KR, NO, SU				
	AU 9052783	A1	19901022	AU 1990-52783	19900315 <--
	AU 640920	B2	19930909		
	HU 54896	A2	19910429	HU 1990-2814	19900315 <--

JP 04504715	T2	19920820	JP 1990-505094	19900315 <--
JP 10295389	A2	19981110	JP 1998-93768	19900315 <--
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JP 2000039434	A2	20000208	JP 1999-157192	19900315
DD 297446	A5	19920109	DD 1990-338836	19900316 <--
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EP 414475	B1	19971210		
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ES 2110411	T3	19980216	ES 1990-309120	19900821 <--
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WO 9102820	A1	19910307	WO 1990-US4766	19900822 <--
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WO 9115771	A1	19911017	WO 1991-US2225	19910329 <--
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ES 2134388	T3	19991001	ES 1995-114016	19910403 <--
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NO 9600741	A	19960223	NO 1996-741	19960223 <--
NO 9600742	A	19960223	NO 1996-742	19960223 <--
US 2003162167	A1	20030828	US 1996-686983	19960725
JP 09215497	A2	19970819	JP 1996-237015	19960906 <--
JP 3171792	B2	20010604		
FI 9801381	A	19980615	FI 1998-1381	19980615 <--
FI 2000002013	A	20000913	FI 2000-2013	20000913
FI 2000002014	A	20000913	FI 2000-2014	20000913
PRAI US 1989-325338	A	19890317		
US 1989-341334	A	19890420		
US 1989-355002	A	19890518		
US 1987-122714	B2	19871118		
US 1987-139886	B2	19871230		
US 1988-161072	B2	19880226		
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JP 1998-93767	A3	19900315		
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US 1990-566209	B1	19900808		
JP 1990-512531	A3	19900822		
WO 1990-US4766	A	19900822		
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US 1990-611965	B2	19901108		
WO 1991-US2225	A	19910329		
EP 1991-302910	A3	19910403		
US 1992-910760	A3	19920707		
US 1993-40564	A3	19930331		
US 1993-97853	A1	19930727		
US 1993-103961	A1	19930809		
US 1994-306472	A3	19940915		
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=> d hitstr 15

L10 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

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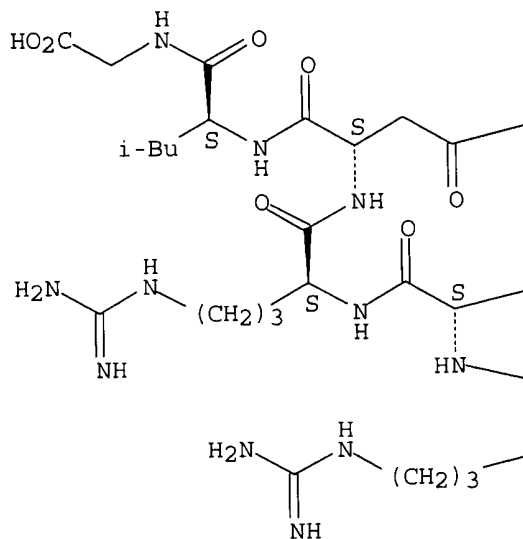
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(hepatitis C virus antigen epitope, amino acid sequence of, cloning and expression in Escherichia coli or yeast of cDNA for)

RN 133504-10-6 CAPLUS

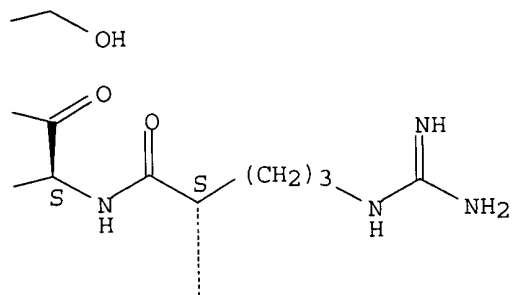
CN Glycine, L-prolyl-L-seryl-L-tryptophylglycyl-L-prolyl-L-threonyl-L-.alpha.-aspartyl-L-prolyl-L-arginyl-L-arginyl-L-seryl-L-arginyl-L-asparaginyl-L-leucyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

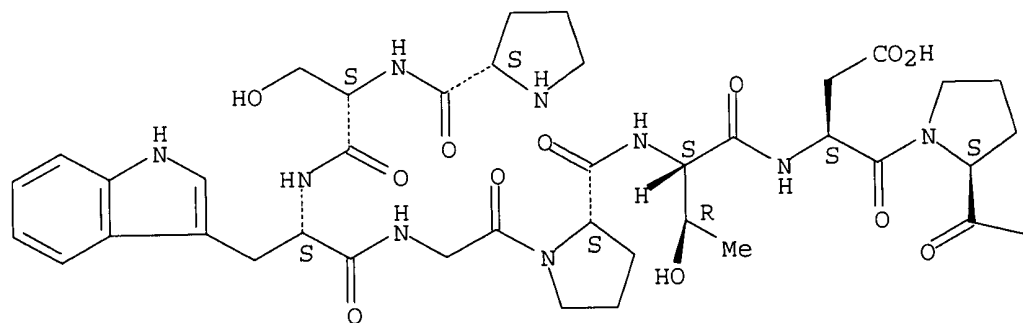
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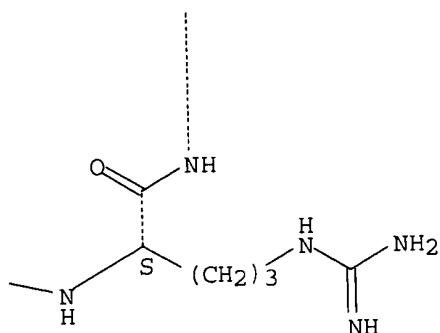


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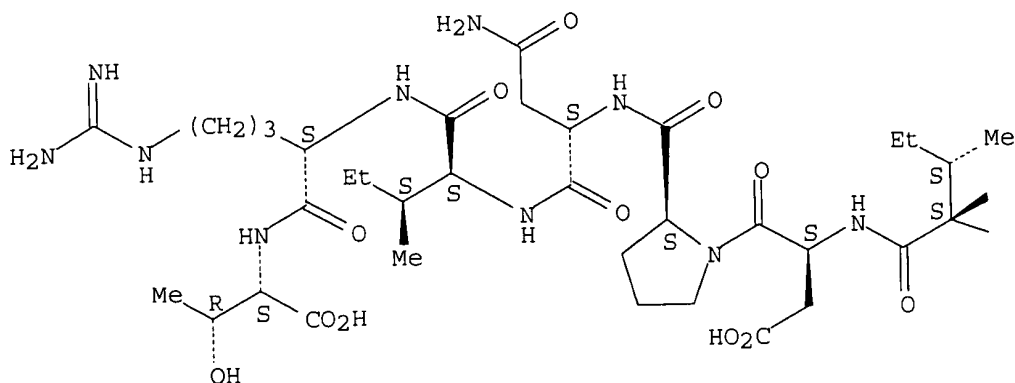
PAGE 2-A

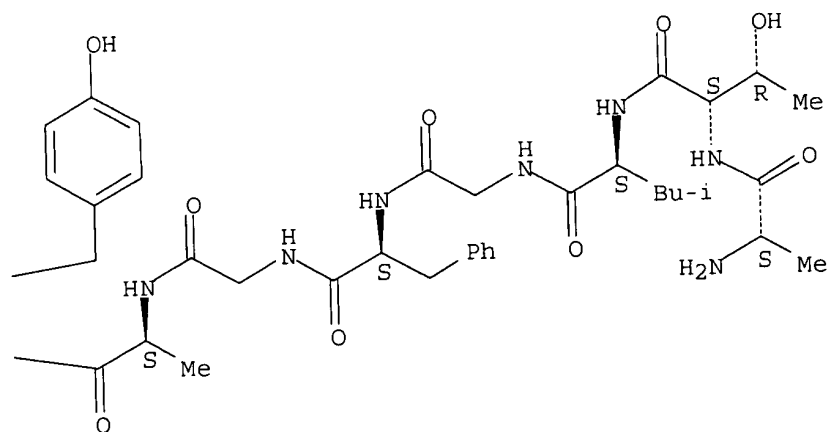
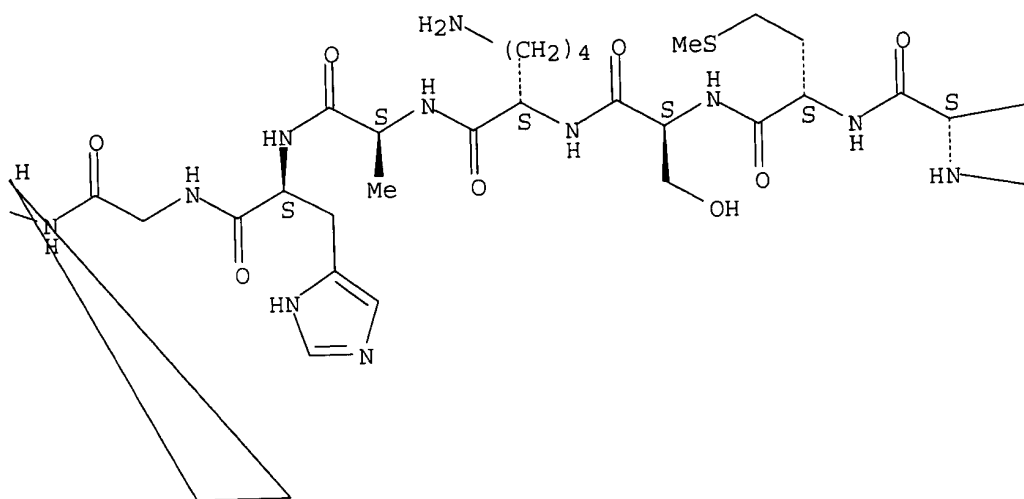




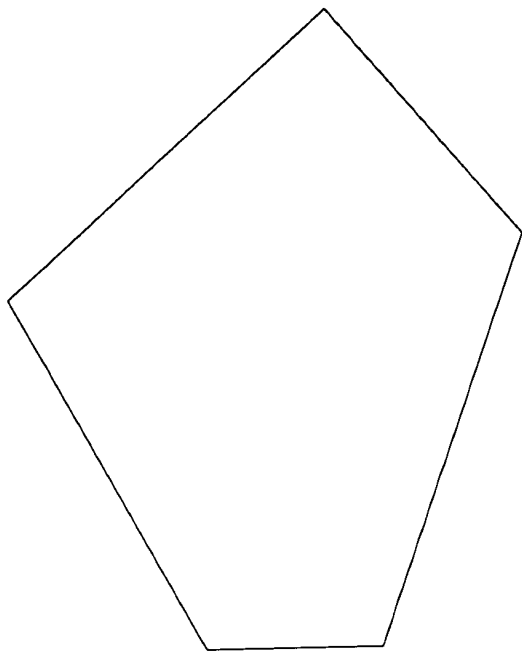
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 CN L-Threonine, L-alanyl-L-threonyl-L-leucylglycyl-L-phenylalanylglycyl-L-alanyl-L-tyrosyl-L-methionyl-L-seryl-L-lysyl-L-alanyl-L-histidylglycyl-L-isoleucyl-L- α -aspartyl-L-prolyl-L-asparaginyll-L-isoleucyl-L-arginyl-
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.

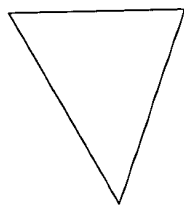




PAGE 4-C



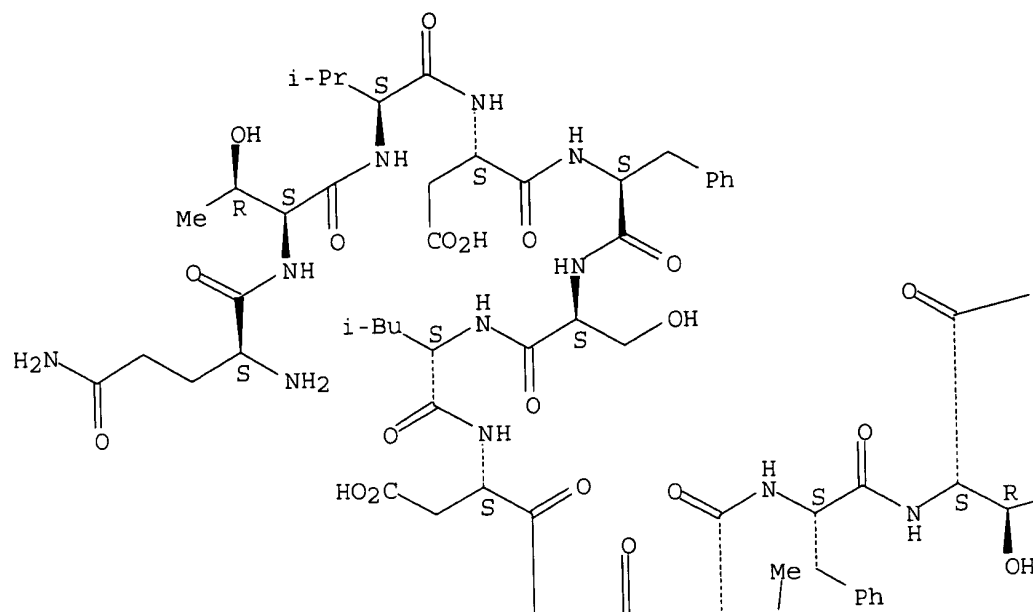
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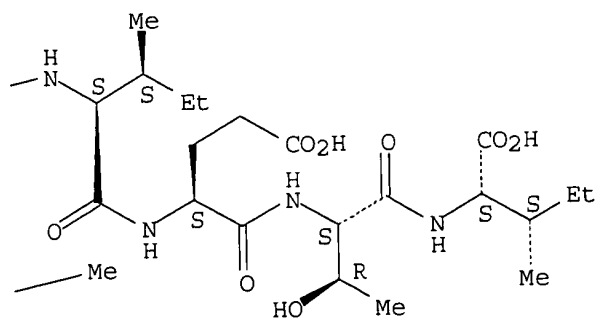
RN 133504-44-6 CAPLUS
CN L-Isoleucine, L-glutaminyl-L-threonyl-L-valyl-L-.alpha.-aspartyl-L-phenylalanyl-L-seryl-L-leucyl-L-.alpha.-aspartyl-L-prolyl-L-threonyl-L-phenylalanyl-L-threonyl-L-isoleucyl-L-.alpha.-glutamyl-L-threonyl- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

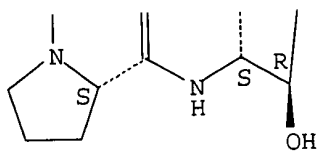
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PAGE 1-B



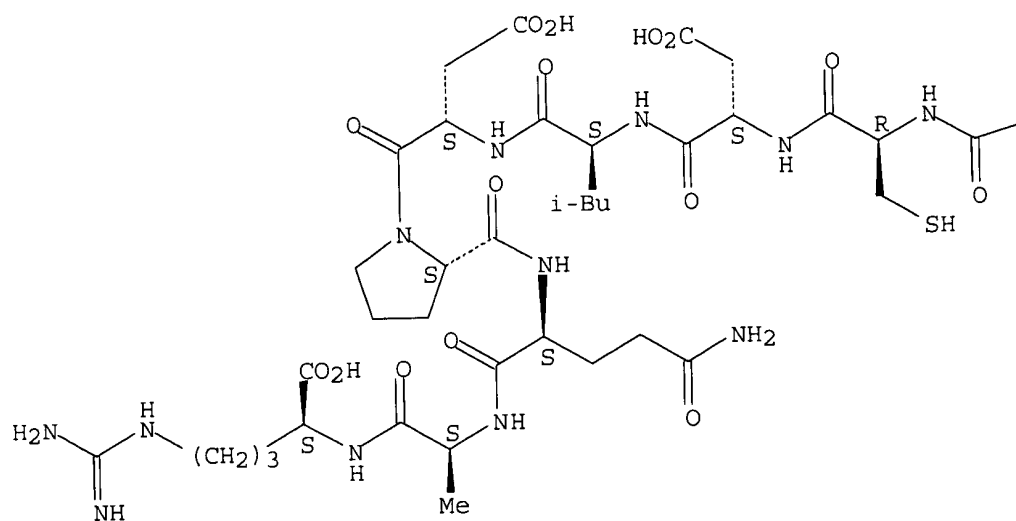
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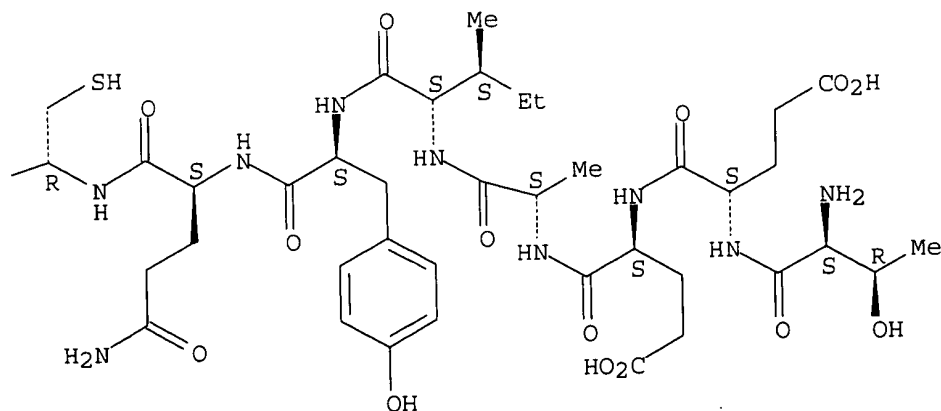
RN 133504-67-3 CAPLUS
 CN L-Arginine, L-threonyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-alanyl-L-
 isoleucyl-L-tyrosyl-L-glutamyl-L-cysteinyl-L-cysteinyl-L-.alpha.-
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 (CA INDEX NAME)

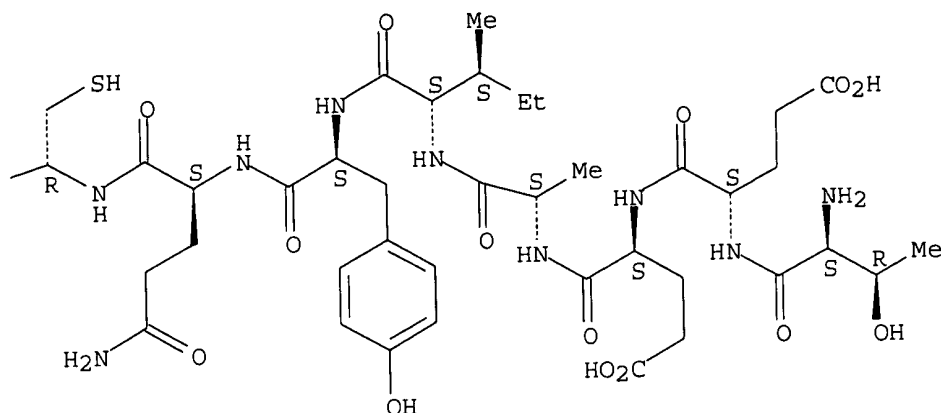
Absolute stereochemistry.

PAGE 1-A



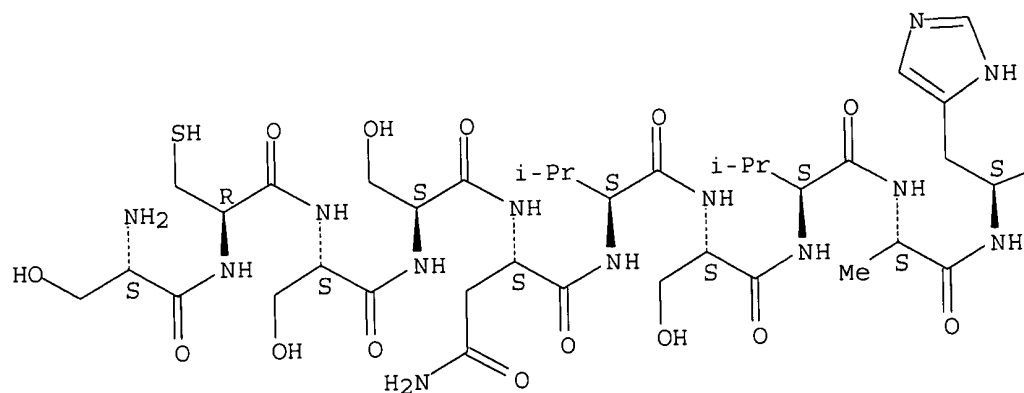
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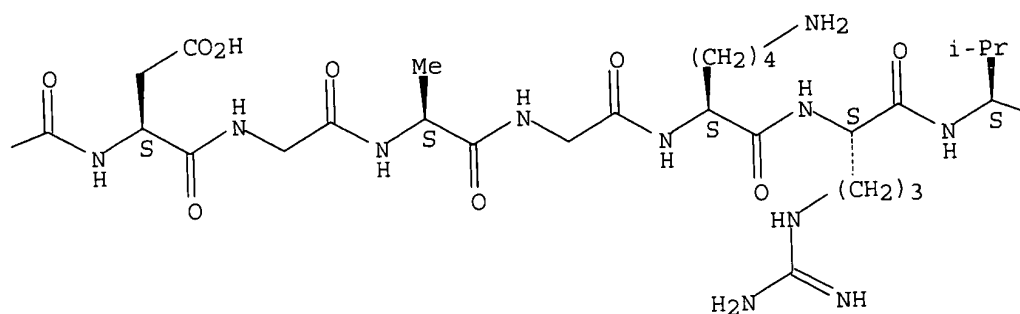


RN 133504-69-5 CAPLUS
 CN L-Threonine, L-seryl-L-cysteinyl-L-seryl-L-seryl-L-asparaginyl-L-valyl-L-seryl-L-valyl-L-alanyl-L-histidyl-L-.alpha.-aspartylglycyl-L-alanylglycyl-L-lysyl-L-arginyl-L-valyl-L-tyrosyl-L-tyrosyl-L-leucyl-L-threonyl-L-arginyl-L-.alpha.-aspartyl-L-prolyl-L-threonyl- (9CI) (CA INDEX NAME)

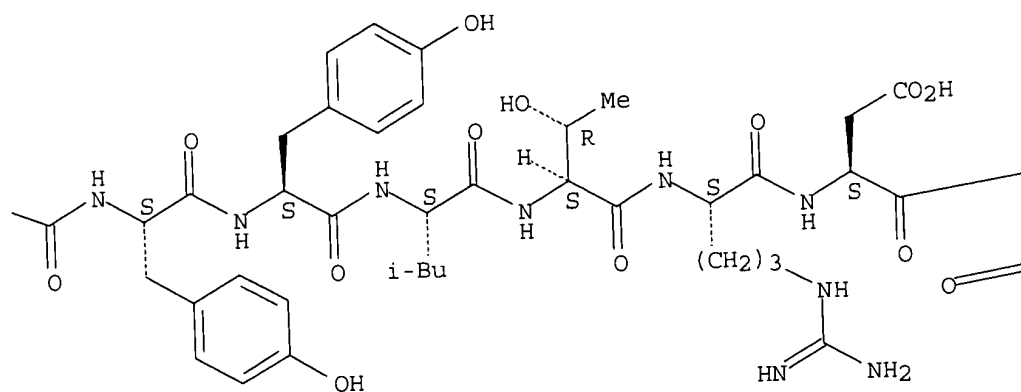
Absolute stereochemistry.



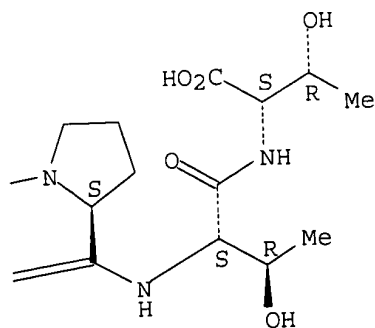
PAGE 1-B



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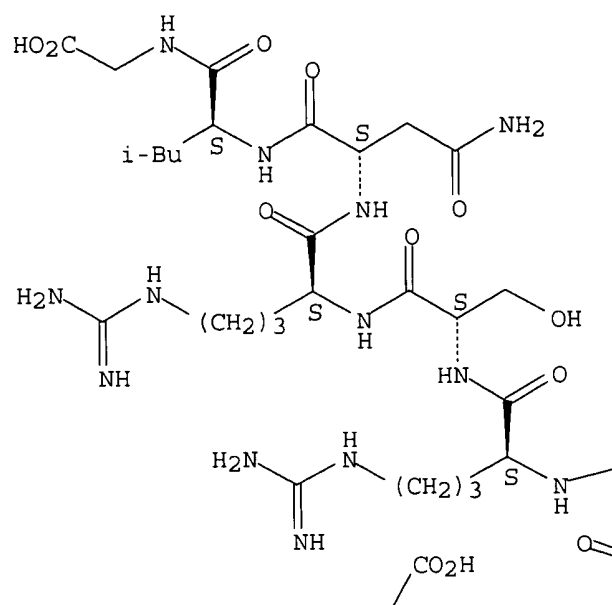


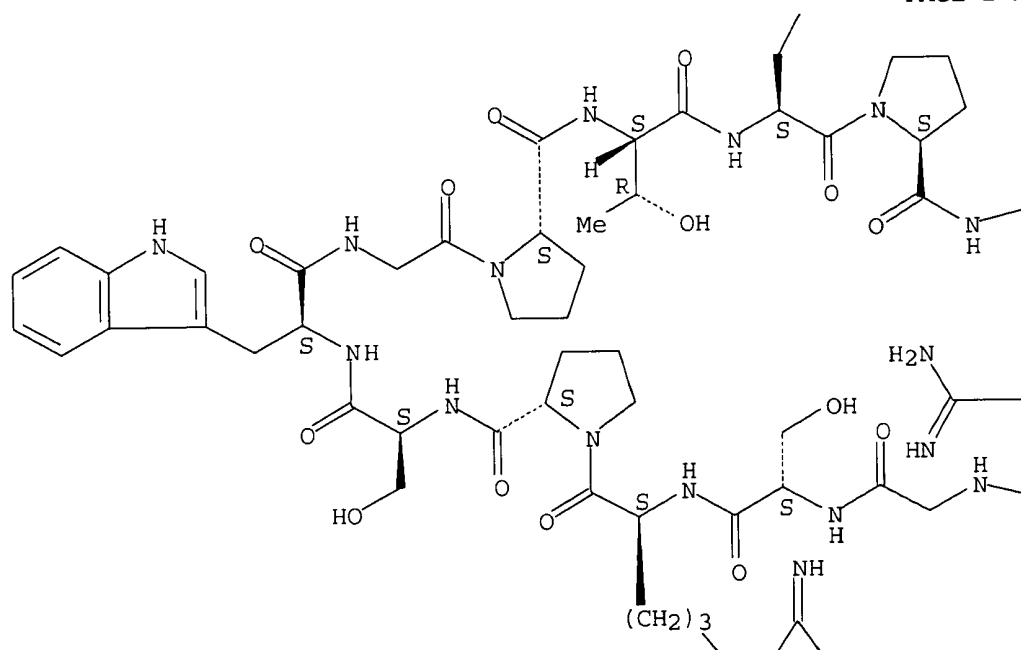
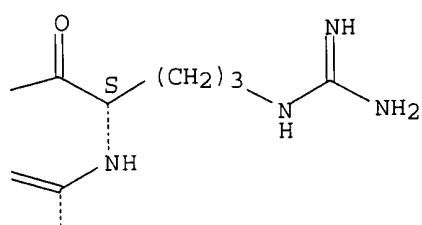
RN 133526-39-3 CAPLUS

CN Glycine, L-seryl-L-prolyl-L-arginylglycyl-L-seryl-L-arginyl-L-prolyl-L-seryl-L-tryptophylglycyl-L-prolyl-L-threonyl-L-.alpha.-aspartyl-L-prolyl-L-arginyl-L-arginyl-L-arginyl-L-seryl-L-arginyl-L-asparaginyl-L-leucyl-(9CI) (CA INDEX NAME)

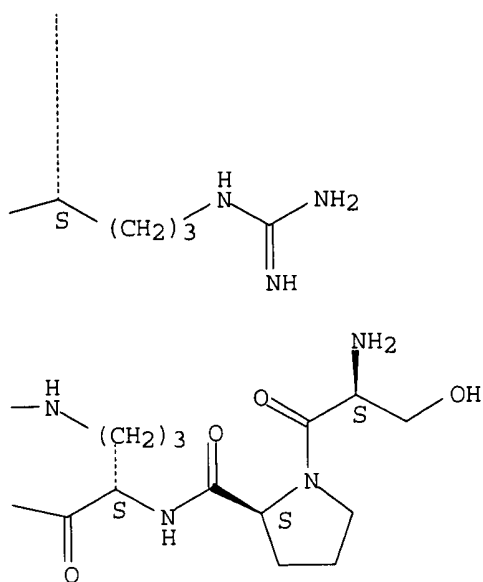
Absolute stereochemistry.

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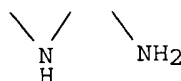




PAGE 2-B



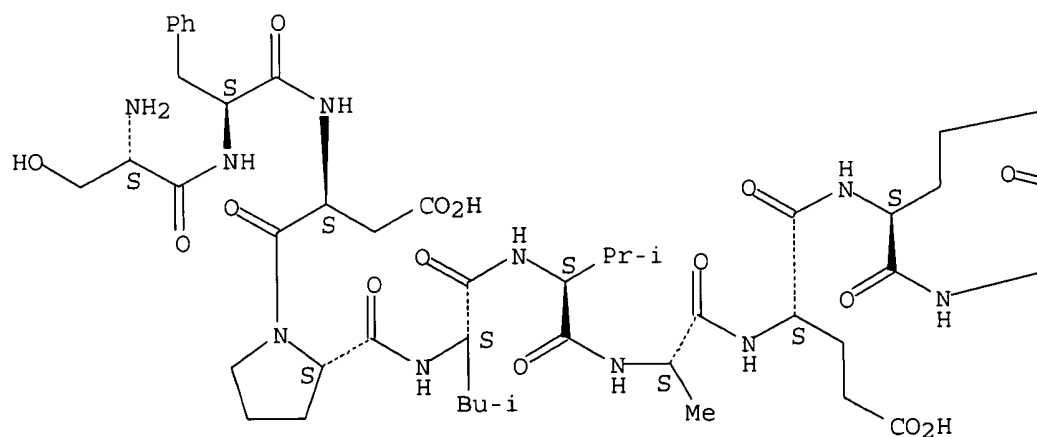
PAGE 3-A



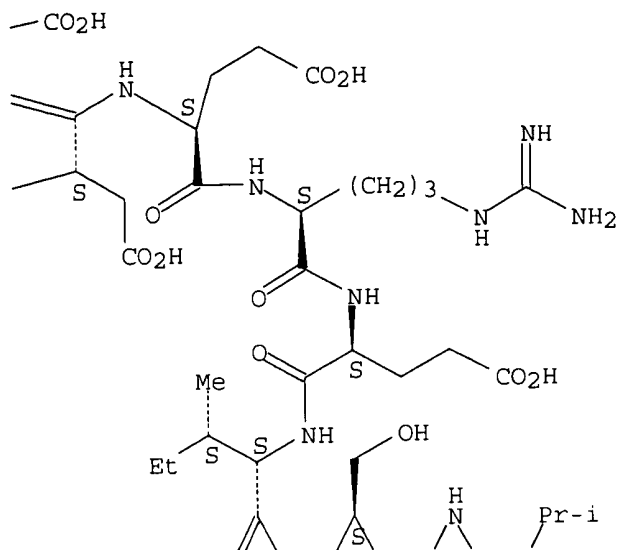
RN 133526-49-5 CAPLUS
 CN L-Valine, L-seryl-L-phenylalanyl-L-.alpha.-aspartyl-L-prolyl-L-leucyl-L-valyl-L-alanyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-arginyl-L-.alpha.-glutamyl-L-isoleucyl-L-seryl- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.

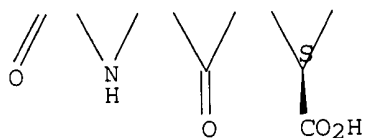
PAGE 1-A



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=> d bib 16

L10 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1991:201170 CAPLUS
 DN 114:201170
 TI Human calpastatin-like polypeptide
 IN Asada, Kiyozo; Endo, Masahiro; Kimizuka, Fusao; Kato, Ikunoshin
 PA Takara Shuzo Co., Ltd., Japan
 SO Eur. Pat. Appl., 15 pp.
 CODEN: EPXXDW

DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 395309	A1	19901031	EP 1990-304237	19900420 <--
	EP 395309	B1	19951227		
	R: DE, FR, GB				

JP 02223593	A2	19900905	JP 1989-107388	19890428 <--
JP 2796835	B2	19980910		
JP 02307000	A2	19901220	JP 1989-126648	19890522 <--
JP 08002918	B4	19960117		
PRAI JP 1989-107388		19890428		
JP 1989-126648		19890522		
JP 1988-280333		19881108		

=> d hitstr 16

L10 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

IT **126768-87-4**

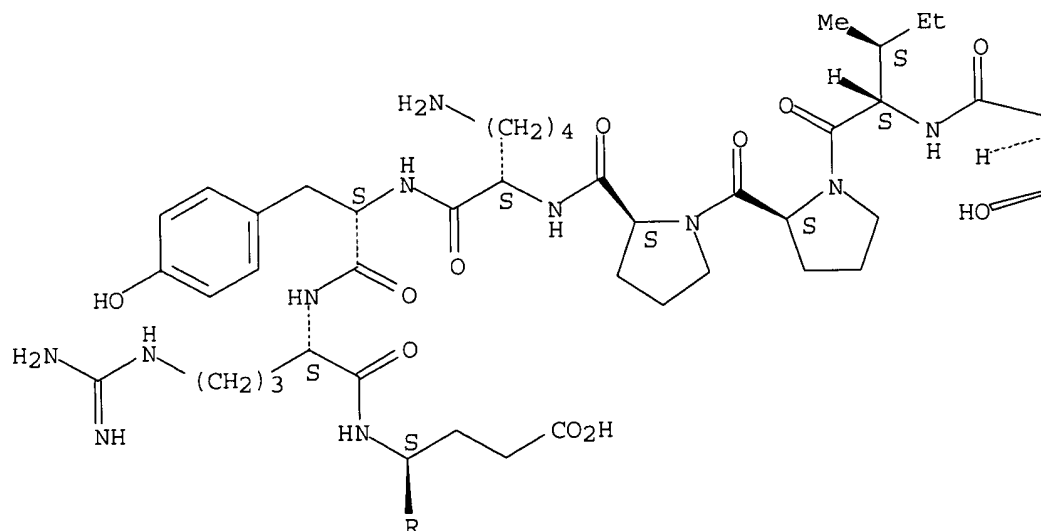
RL: RCT (Reactant); RACT (Reactant or reagent)
(amino acid sequence and chem. synthesis of)

RN 126768-87-4 CAPLUS

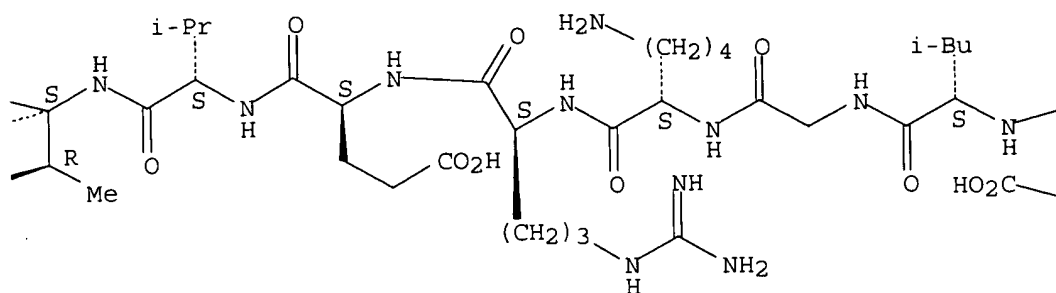
CN L-Leucine, L-.alpha.-aspartyl-L-prolyl-L-methionyl-L-seryl-L-seryl-L-threonyl-L-tyrosyl-L-isoleucyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-leucylglycyl-L-lysyl-L-arginyl-L-.alpha.-glutamyl-L-valyl-L-threonyl-L-isoleucyl-L-prolyl-L-prolyl-L-lysyl-L-tyrosyl-L-arginyl-L-.alpha.-glutamyl-L-leucyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

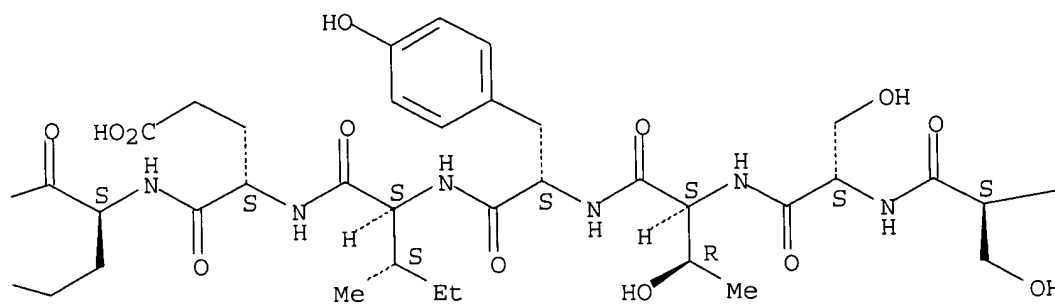
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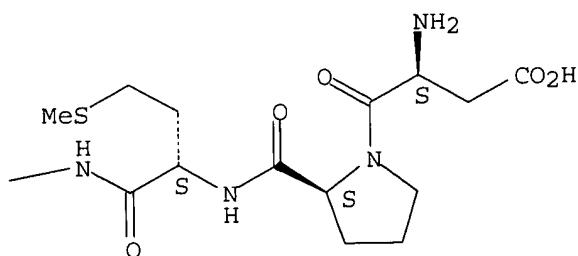
PAGE 1-B



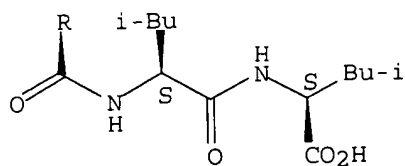
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=> d bib 17

L10 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1989:52335 CAPLUS
 DN 110:52335
 TI Cloning and expression of tick antigen cDNA, and animal vaccines
 containing the antigen or antibodies thereto
 IN Cobon, Gary Stewart; Moore, Joanna Terry; Johnston, Law Anthony York;
 Willadsen, Peter; Kemp, David Harold; Sriskantha, Alagacone; Riding,
 George Alfred; Rand, Keith Norman
 PA Biotechnology Australia Pty. Ltd., Australia; Commonwealth Scientific and
 Industrial Research Organization
 SO PCT Int. Appl., 84 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

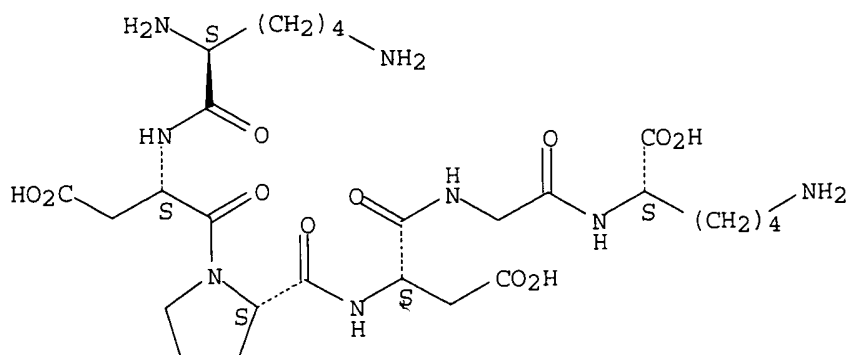
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8803929	A1	19880602	WO 1987-AU401	19871127 <--
	W: AU, BB, BR, DK, FI, JP, KR, LK, MW, NO, US				
	RW: AT, BE, BJ, CF, CG, CH, CM, DE, FR, GA, GB, IT, LU, ML, MR, NL, SE, SN, TD, TG				
	IL 84574	A1	19941007	IL 1987-84574	19871123 <--
	CA 1339466	A1	19970916	CA 1987-552826	19871126 <--
	AU 8783331	A1	19880616	AU 1987-83331	19871127 <--
	AU 614503	B2	19910905		
	ZA 8708933	A	19880727	ZA 1987-8933	19871127 <--
	CN 87101287	A	19881005	CN 1987-101287	19871127 <--
	EP 290565	A1	19881117	EP 1987-907920	19871127 <--
	EP 290565	B1	19960417		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	BR 8707549	A	19890221	BR 1987-7549	19871127 <--
	JP 01502115	T2	19890727	JP 1988-500197	19871127 <--
	IN 165830	A	19900120	IN 1987-CA934	19871127 <--
	AT 136903	E	19960515	AT 1987-907920	19871127 <--
	US 5587311	A	19961224	US 1994-325071	19941019 <--
	US 6235283	B1	20010522	US 1995-461004	19950605
PRAI	AU 1986-9196	A	19861127		
	AU 1987-2570	A	19870619		
	AU 1987-4912	A	19871016		
	WO 1987-AU401	A	19871127		
	US 1988-242196	B2	19880706		
	US 1992-926368	B2	19920807		
	US 1993-62109	B1	19930517		
	US 1994-325071	A3	19941019		

=> d hitstr 17

L10 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 IT 117703-87-4
 RL: PRP (Properties)
 (peptides of WGL+ antigen of Boophilus microplus)
 RN 117703-87-4 CAPLUS
 CN L-Lysine, N2-[N-[N-[1-(N-L-lysyl-L-.alpha.-aspartyl)-L-prolyl]-L-.alpha.-

aspartylglycyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d bib 18

L10 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1987:457285 CAPLUS
 DN 107:57285
 TI Immunogenic peptides of human interleukin-1 and the corresponding
 anti-peptide antibodies
 IN Schmidt, John A.; Boger, Joshua S.; Bayne, Ellen B. K.
 PA Merck and Co., Inc., USA
 SO Eur. Pat. Appl., 12 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 218531	A2	19870415	EP 1986-402171	19861002 <--
	EP 218531	A3	19890712		
	R: CH, DE, FR, GB, IT, LI, NL				
	US 4772685	A	19880920	US 1985-782847	19851002 <--
	JP 62096498	A2	19870502	JP 1986-233368	19861002 <--
	US 4994553	A	19910219	US 1988-208954	19880617 <--
PRAI	US 1985-782847		19851002		

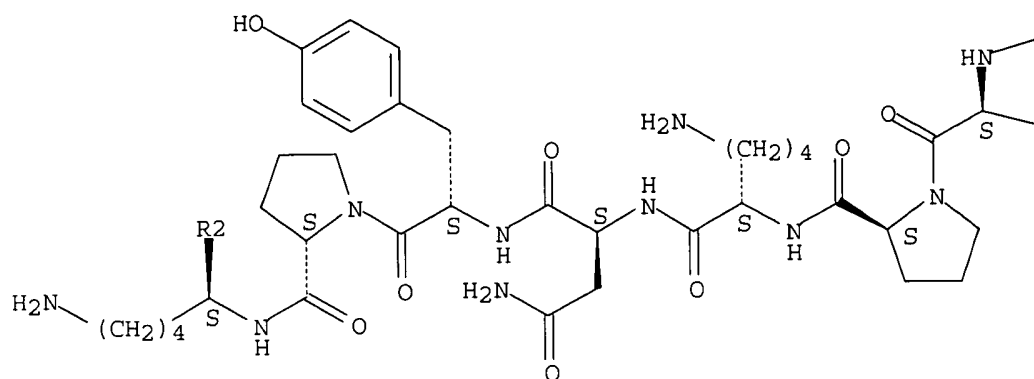
=> d hitstr 18

L10 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 IT 103374-44-3 109350-30-3 109350-30-3D, salts
 109350-31-4 109350-31-4D, salts 109350-40-5
 109350-41-6 109350-51-8 109350-51-8D, salts
 RL: BIOL (Biological study)
 (antibodies to, interleukin-1 of human reaction with)
 RN 103374-44-3 CAPLUS
 CN L-Phenylalaninamide, L-cysteinyl-L-glutamyl-L-leucyl-L-.alpha.-glutamyl-L-seryl-L-valyl-L-.alpha.-aspartyl-L-prolyl-L-lysyl-L-asparaginyl-L-tyrosyl-L-prolyl-L-lysyl-L-lysyl-L-lysyl-L-methionyl-L-.alpha.-glutamyl-L-

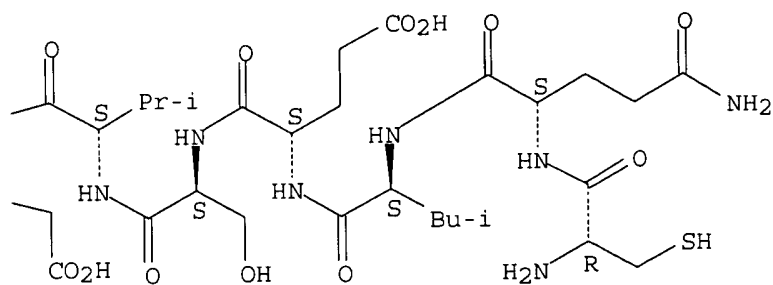
lysyl-L-arginyl- (9CI) (CA INDEX NAME)

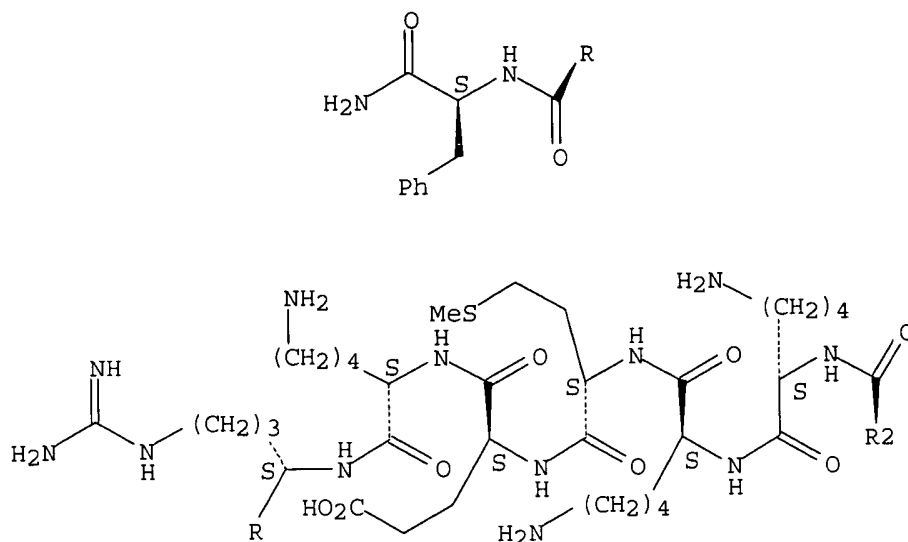
Absolute stereochemistry.

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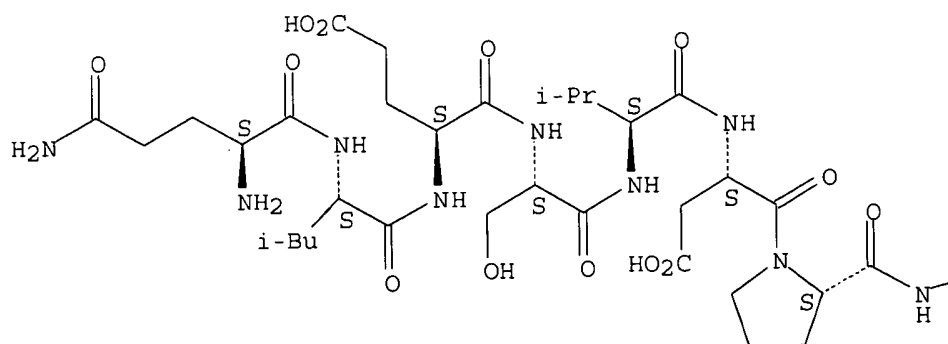
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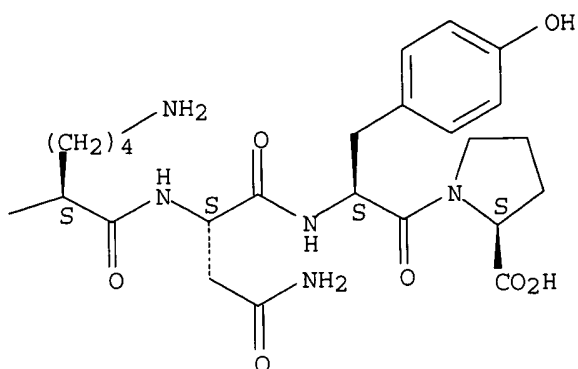




RN 109350-30-3 CAPLUS
 CN L-Proline, 1-[N-[N2-[N2-[1-[N-[N-[N-[N-(N-L-glutaminyl-L-leucyl)-L-.alpha.-glutamyl]-L-seryl]-L-valyl]-L-.alpha.-aspartyl]-L-prolyl]-L-lysyl]-L-asparaginyl]-L-tyrosyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

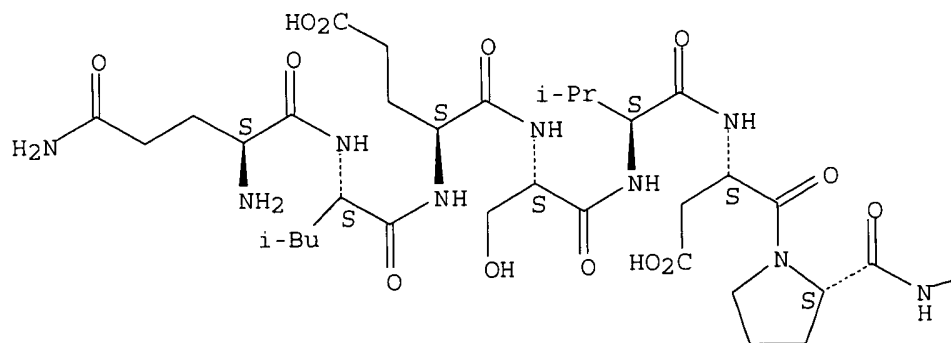


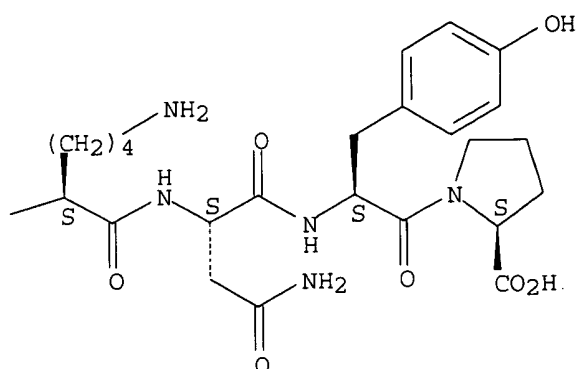


RN 109350-30-3 CAPLUS

CN L-Proline, 1- [N- [N2- [N2- [1- [N- [N- [N- (N-L-glutaminy] -L-leucyl) -L-.alpha.-glutamyl] -L-seryl] -L-valyl] -L-.alpha.-aspartyl] -L-prolyl] -L-lysyl] -L-asparaginy] -L-tyrosyl] - (9CI) (CA INDEX NAME)

Absolute stereochemistry.



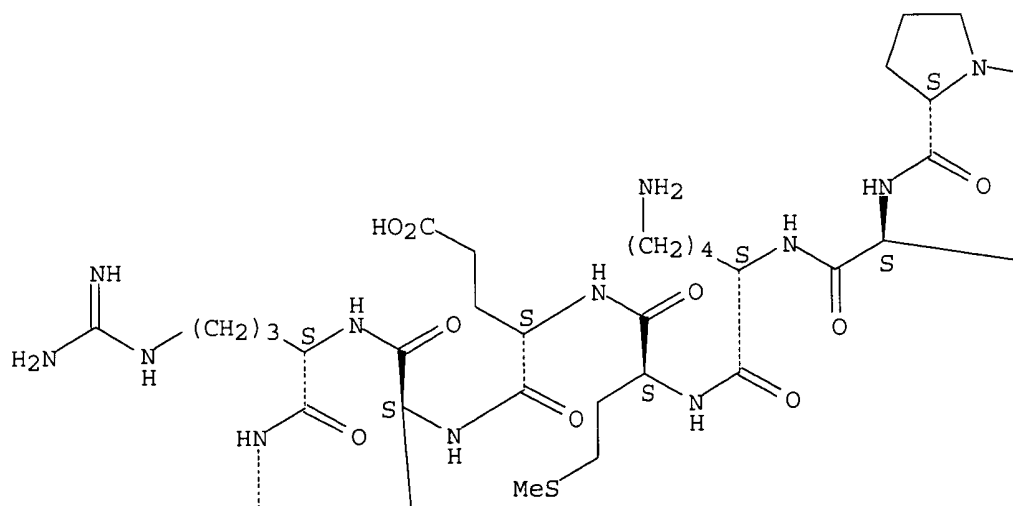


RN 109350-31-4 CAPLUS

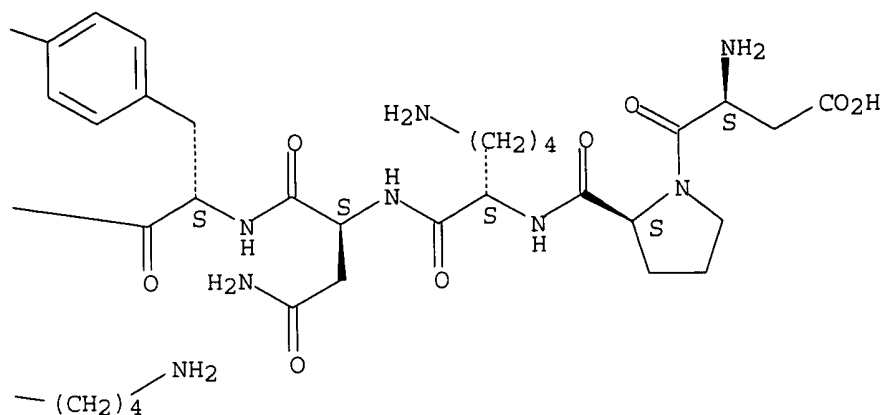
CN L-Phenylalanine, L-.alpha.-aspartyl-L-prolyl-L-lysyl-L-asparaginyl-L-tyrosyl-L-prolyl-L-lysyl-L-lysyl-L-methionyl-L-.alpha.-glutamyl-L-lysyl-L-arginyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

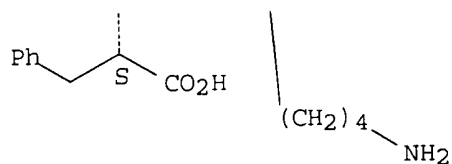
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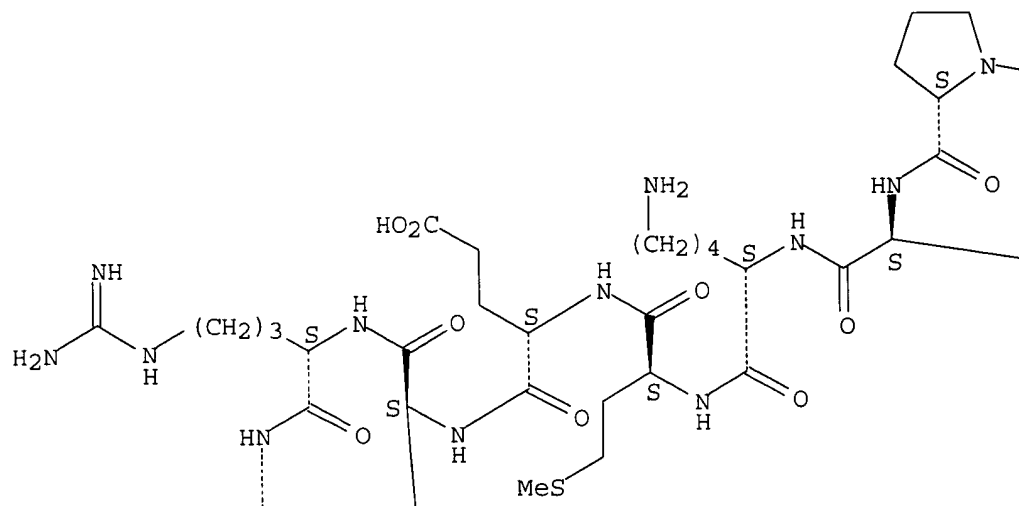


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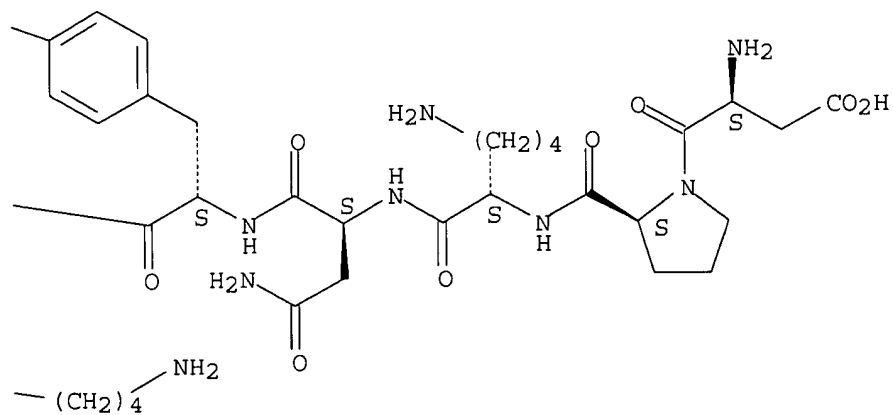
CN L-Phenylalanine, L-.alpha.-aspartyl-L-prolyl-L-lysyl-L-asparaginyl-L-tyrosyl-L-prolyl-L-lysyl-L-lysyl-L-methionyl-L-.alpha.-glutamyl-L-lysyl-L-arginyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

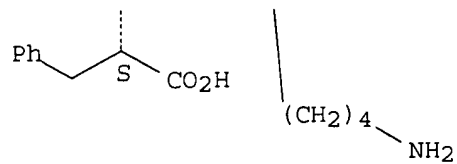
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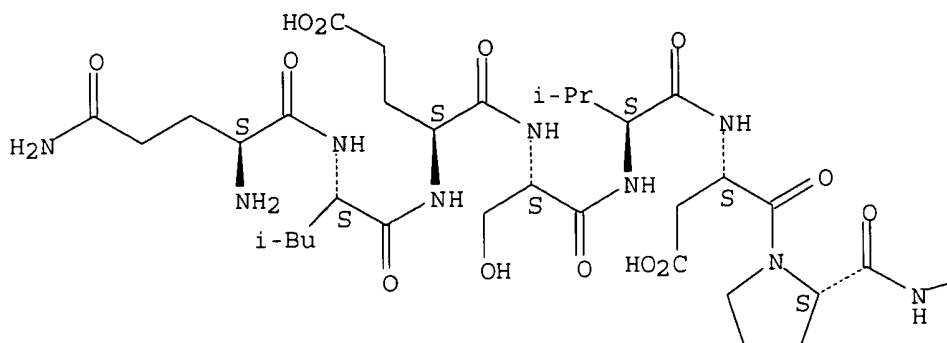


RN 109350-40-5 CAPLUS

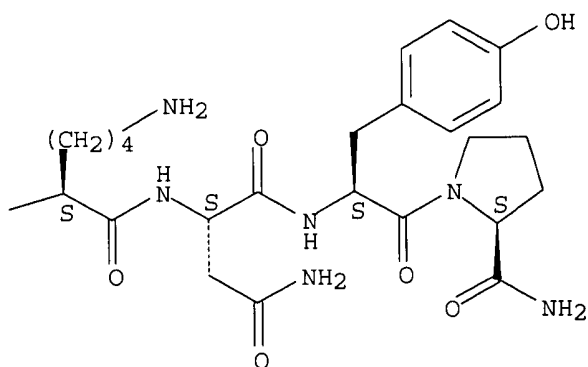
CN L-Prolinamide, L-glutaminyl-L-leucyl-L-.alpha.-glutamyl-L-seryl-L-valyl-L-.alpha.-aspartyl-L-prolyl-L-lysyl-L-asparaginyl-L-tyrosyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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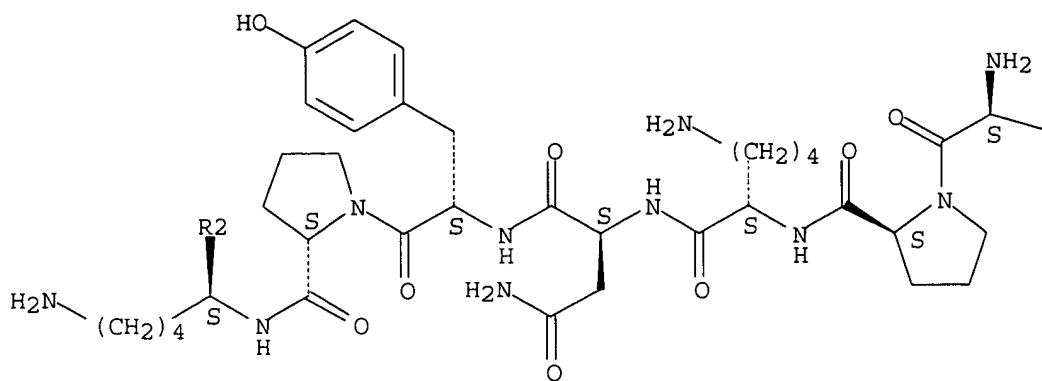


RN 109350-41-6 CAPLUS

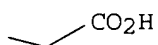
CN L-Phenylalaninamide, L-.alpha.-aspartyl-L-prolyl-L-lysyl-L-asparaginyl-L-tyrosyl-L-prolyl-L-lysyl-L-lysyl-L-lysyl-L-methionyl-L-.alpha.-glutamyl-L-lysyl-L-arginyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

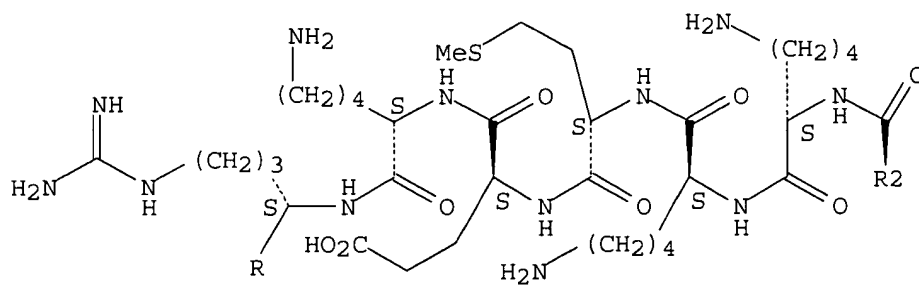
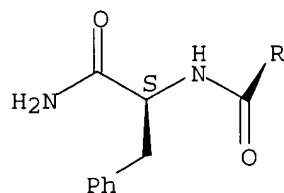
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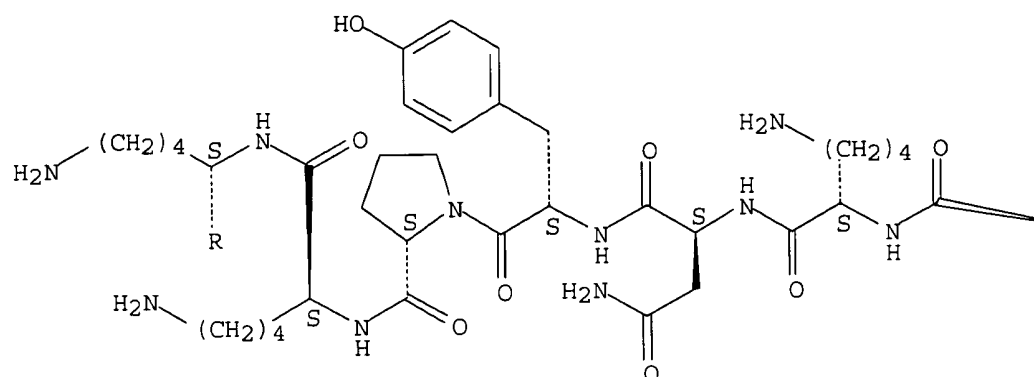


RN 109350-51-8 CAPLUS

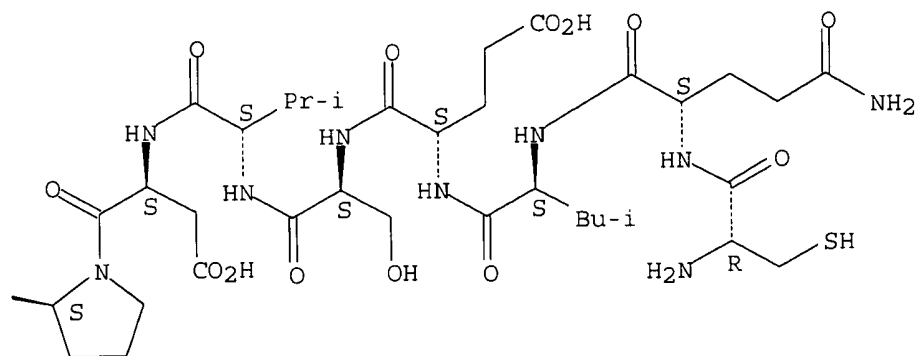
CN L-Phenylalanine, L-cysteinyl-L-glutaminyl-L-leucyl-L-.alpha.-glutamyl-L-seryl-L-valyl-L-.alpha.-aspartyl-L-prolyl-L-lysyl-L-asparaginyl-L-tyrosyl-L-prolyl-L-lysyl-L-lysyl-L-lysyl-L-methionyl-L-.alpha.-glutamyl-L-lysyl-L-arginyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

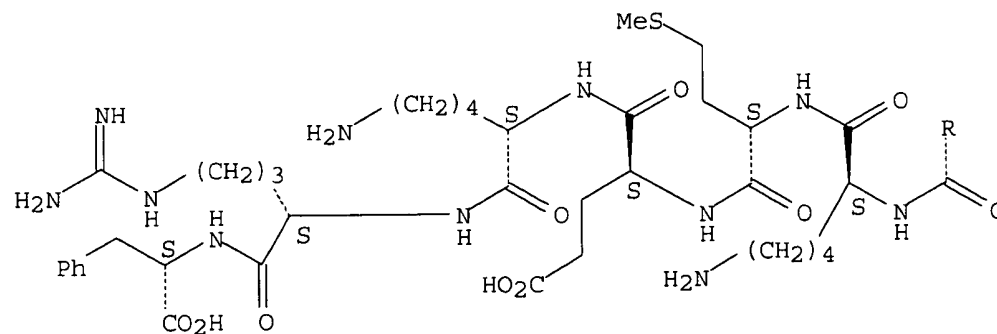
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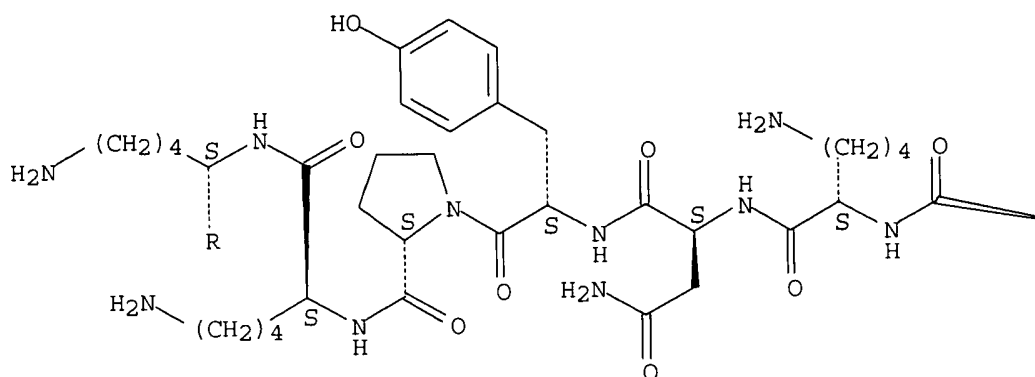
RN 109350-51-8 CAPLUS

CN L-Phenylalanine, L-cysteinyll-L-glutaminyll-L-leucyl-L-.alpha.-glutamyl-L-

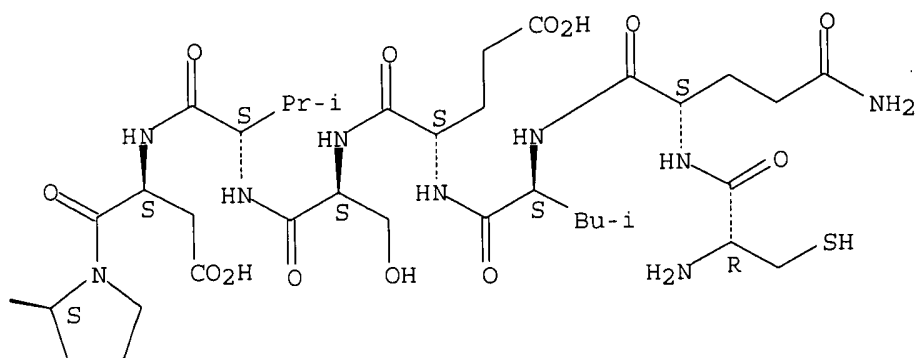
seryl-L-valyl-L-.alpha.-aspartyl-L-prolyl-L-lysyl-L-asparaginyl-L-tyrosyl-L-prolyl-L-lysyl-L-lysyl-L-lysyl-L-methionyl-L-.alpha.-glutamyl-L-lysyl-L-arginyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

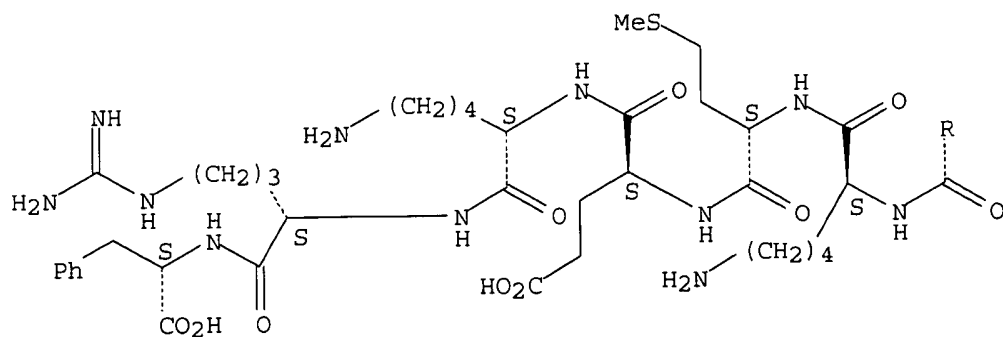
PAGE 1-A

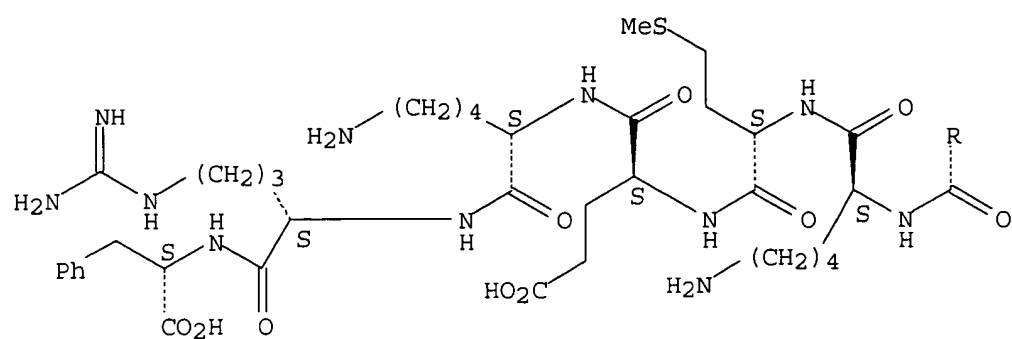


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